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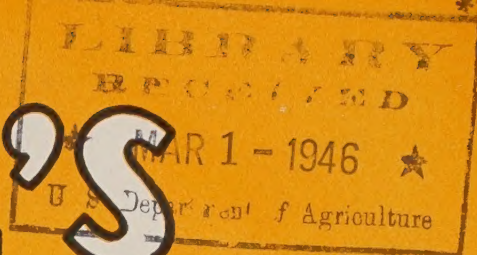
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# MICHELL'S



**1890 • SEEDS • BULBS • PLANTS • 1946**

*"The Complete Garden Store"*



**HENRY F. MICHELL CO., 516-518 Market St., PHILA. 5, PA.**



**RUDBECKIA purpurea**  
The King



**ASTER, Harrington's Pink**



**ASTER Frikarti**

## Plant These Hardy Perennials for a Long Season of Bloom

**RUDBECKIA purpurea, The King.** 3 ft. July–Oct. Each \$1.00; 3, \$2.50.

**VERONICA, Blue Spire.** 2 ft. July, Aug. Each 75c.; 3, \$2.00.

**ASTILBE, Fanal.** 2 ft. May, June. Each \$1.00; 3, \$2.75; 10, \$7.50.

**ASTER, Harrington's Pink.** 4 ft. Sept.–Oct. Each 60c.; 3, \$1.60; 10, \$5.00.

**ASTER Frikarti.** 2 ft. June–Nov. Each 60c.; 3, \$1.60; 10, \$5.00.

**CARNATION, Crimson King and Lucia.** 1 ft. All summer. Each 60c.; 3, \$1.60; 10, \$5.00.



**VERONICA, Blue Spire**



**ASTILBE, Fanal**



**CARNATION, Crimson King and Lucia**



# Customers

## please note

*To avoid misunderstanding  
read these conditions  
of sale. . . . .*



### TELEPHONE YOUR ORDER

*It will get prompt, courteous  
attention here*

### LOCAL DELIVERY

Our free delivery service covers the suburban Philadelphia area. The limits are: PAOLI, RIDLEY PARK, CHESTNUT HILL, WILLOW GROVE, ABINGTON, RYDAL, SOMERTON, SPRINGFIELD, MORTON, and Intermediate points, but we do not guarantee to maintain a daily delivery to these places.

#### SPECIAL ATTENTION

To our customers in New Jersey:

**Due to the curtailment of motor transportation and other conditions beyond our control, we are unable to make free deliveries to Camden and vicinity.**

Shipment of goods can also be made by package service from Market and Chestnut Street Ferries, Broad Street Station, Reading Terminal, and B. & O. R. R., at 24th and Chestnut Streets. The tariff for shipments that can be made by this method on merchandise they will receive packed in one piece is as follows:

**10 lbs. and under, 12c. 26 lbs. to 40 lbs., 24c.  
11 lbs. to 25 lbs., 18c. 41 lbs. to 50 lbs., 30c.**

**Shipments weighing more cannot be sent  
via Package Service.**

#### ORDER EARLY

We would greatly appreciate it if you would send orders for seeds, plants, bulbs, etc., during January and February whenever possible. Shipments will be made when you want the goods.

#### GIFT CERTIFICATES

"Michell's Gift Certificates" available in any amount and redeemable at any time for our merchandise, which will make unusual gifts for your garden-loving friends. They are ideal for Christmas, birthday and other remembrances.

#### WE WELCOME CHARGE ACCOUNTS

We invite you to take advantage of the convenience of a charge account with us. So that no time will be lost in executing your first order, please send us the names of two or more business houses with whom you have had past or present credit relations.

#### HAVE YOU MOVED?

Please let us know of any permanent change of address so that you may receive our catalogs regularly.

#### CUSTOMERS' SERVICE

We endeavor at all times to take care of our customers' requirements. However, due to present conditions, we are not always able to supply just the item you order. We ask your permission to substitute a similar variety, when the supply of the variety ordered is exhausted. In this event we feel sure that we can render satisfactory service.

#### SHIPPING INSTRUCTIONS

Always state by what method you want goods forwarded; otherwise we will ship according to our best judgment.

#### PACKING CHARGES

No charge is made for boxes, packing, or bags, except for two-bushel seamless sacks, which are returnable for credit at the market price as charged.

#### C. O. D. SHIPMENTS

Goods can be sent C. O. D. with the exception of perishable items; plants and cold-storage bulbs. If shipment is requested by express or freight, send a partial remittance with the order. No C. O. D. orders accepted for less than \$1.00.

#### CONDITIONS OF SALE

All contracts, sales, and acknowledgments of orders are contingent on crop failures, our ability to import and make deliveries in conformity with the "Plant Quarantine Act," partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order.

Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once, and we will give instructions for disposition of the goods.

#### FORWARDING SERVICE

We pay postage charges on all orders for Vegetable Seeds, Flower Seeds, and Grass Seeds in quantities up to 5 pounds (unless otherwise noted) to the First and Second Zones. If larger quantities of the above, also Bulbs, Plants, and Sundries, are wanted by Parcel Post, remit for postage the amount named in connection with the item to the First and Second Zones; for other Zones add additional postage or at the rate quoted in table below.

All Plants, Roots, and Bulbs are forwarded by Express (or Parcel Post when possible), purchaser paying charges, unless otherwise noted.

For those of our customers who prefer to receive such goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots, or Bulbs unless otherwise noted.

**To all points east of the Mississippi River, add 10 per cent to cover postage and packing charges; to all points west of the Mississippi River, add 15 per cent.**

**SAFE ARRIVAL.** We guarantee the safe arrival of all goods sent to points within the United States except when shipped to points where there is no Express or Freight agent; to such points the purchaser must assume any claim for loss or damage.

#### PARCEL POST RATES from Philadelphia (subject to change)

United States Parcel Post Rates (Seeds, Plants and Bulbs Included) (Subject to Change)	First pound or fraction	Each additional pound or fraction	Packages must not exceed 100 inches (length and girth combined)
Local Rate, Philadelphia.....	\$0 08	\$0 01	Limit of weight to all zones, 70 lbs.
1st Zone, within 50 miles of Philadelphia.....	09	01	A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.
2d Zone, over 50 and under 150 miles.....	09	01	
3d Zone, over 150 and under 300 miles.....	10	02	
4th Zone, over 300 and under 600 miles.....	11	04	
5th Zone, over 600 and under 1000 miles....	12	06	
6th Zone, over 1000 and under 1400 miles...	13	08	
7th Zone, over 1400 and under 1800 miles....	15	10	
8th Zone, over 1800 miles.....	16	12	

On Seeds, Bulbs, Plants, or Roots not exceeding eight (8) ounces in weight, the postage charge is 1c. for each two (2) ounces or fraction thereof; on Sundries or other Merchandise not exceeding eight (8) ounces in weight, the postage charge is 1½c. for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, Sundries, etc., weighing over eight (8) ounces are sent at zone rates.

If Special Delivery is wanted, an additional 17c. is required on packages weighing up to two (2) pounds—25c. on packages weighing more than two (2) pounds and up to ten (10) pounds—35c. on packages weighing more than ten (10) pounds, which also includes special handling and transportation as first-class mail.

If remittance accompanies order, a sufficient amount should be included to cover the extra charges—if order to be sent by either of the methods as stated above.

#### PARCEL POST CHARGES QUOTED ARE FOR DELIVERY IN THE UNITED STATES ONLY

**Notice to Customers in Canada and Other Countries Outside of the United States.** In remitting for purchases at the time of ordering, or when paying accounts, by reason of the exchange we ask that you please send Post Office Money Order in United States funds or a check or draft on a New York or Philadelphia Bank in par in United States funds.

## HENRY F. MICHELL CO.

516-518 Market Street

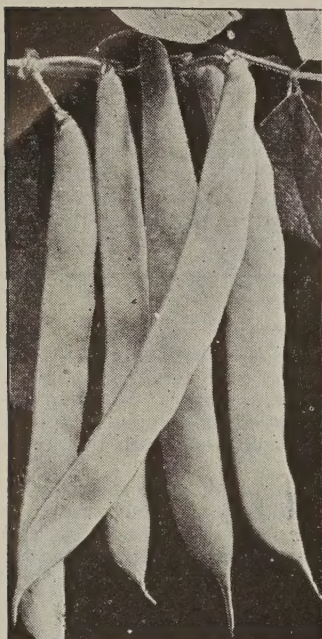
PHILADELPHIA 5, PA.

WAREHOUSES: 509-11-13 Ludlow St. and American and Dauphin Sts.



# MICHELL'S VEGETABLE SEEDS

## BEANS



Sure-Crop  
Stringless  
Wax  
Beans



Stringless Green-Pod Beans

## ASPARAGUS

ASPERGE (Fr.) SPARGEL (Ger.)  
SPARAGIO (Ital.)

Sow 5 pounds per acre for roots, or  
1 ounce to 50 feet

A well-cared-for Asparagus bed improves with age and lasts for many years. It may be established from seed, but much time is saved by planting roots. Seeds should be sown thinly in early spring in rows 1 to 2 feet apart. Thin out the weakest plants so the remainder will be 4 inches apart. When one or two years old, transplant in the permanent bed in rows 3 feet apart, setting the roots 1 to 1½ feet apart, from where it can be cut three years later.

**Giant Washington.** A rust-resisting variety with long, stout, dark green spears with a rich purple tinge. Oz. 30c.; ¼lb. 75c.

**Paradise.** New. Commercial growers claim this to be far superior to the Washington types. Pkt. 15c.; oz. 75c.; ¼lb. \$2.50.

### Asparagus Roots

Ready about March 20 for spring planting;  
about November 1 for fall planting

The two-year roots usually produce two years after planting. Our stock is especially fine in quality.

**Giant Washington.** 2-yr. roots, 50, \$2.50; 100, \$4.00; 1000, \$30.00.

Prices quoted on Beans are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post Table on page 1. Larger quantities shipped at purchaser's expense.

Every garden should have Beans, among the finest of all vegetables. They are appetizing, rich in vitamins, and delicious fresh, canned, or dried. Bush or Snap Beans grow quickly and yield heavily. The Pole type is the heaviest yielder over a long period.

## MICHELL'S DWARF BEANS

HARICOTS NAINS (Fr.) BUSCHBOHNEN (Ger.)  
FAGINOLI NANI (Ital.)

### Green-podded Varieties

**Bountiful.** 53 days. Flat-podded, stringless, tender and a prolific bearer. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Early Red Valentine.** 52 days. An extra-early variety, maturing a crop in 40 to 50 days. Pods 5 to 6 inches long, round, thick, tender, and of good quality. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 5 lbs. \$1.95.

**Giant Stringless.** 53 days. Vigorous grower and a great producer of large, round pods, from 5½ to 6½ inches long. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Keystoneian.** 52 days. Honorable Mention, 1944 All-America Selections. This new dwarf green Bush Bean will become a favorite because of its combined productiveness, hardiness and high quality. Pods are 6 to 6½ inches long, round, straight, stringless and of superb quality, making it suitable for canning, freezing, and home use. Pkt. 15c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.00.

**Masterpiece.** 50 to 55 days. The leader among early greenhouse forcing varieties. Pods 7 x ¾ x ⅛ inch. Light silvery green, straight, flat, almost entirely stringless and fibreless. Fine texture. Pkt. 15c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Stringless Black Valentine.** 49 days. An improvement over the old strain of Black Valentine. Pods long and slender, semi-round, and stringless. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 5 lbs. \$1.85.

**Stringless Green-Pod.** 50 days. Round-podded sort that is early, prolific, and a continuous bearer. Pods 5 to 6 inches long, very meaty. Even when the pods become quite old they retain their stringless qualities. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Tendergreen.** 52 days. An early stringless variety with round pods at least 6 inches long. Ready for use 52 days after sowing. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

### SPECIAL ATTENTION

Vegetable Seed prices listed in this Catalog have been formulated according to the proposed regulation of the Office of Price Administration. If there are any changes subsequently made by the OPA our prices will be adjusted to conform with their regulation.

Plant 90 pounds per acre; 2 pounds  
for a 100-foot row

A rich, sandy loam suits Beans to perfection. Toward the end of April, or still better, in May, sowings may be made and may be repeated every two weeks until August. Have the rows about 2 feet apart. Sow quite thinly in the row and about 2 inches deep, thinning out to stand 4 to 6 inches apart in the rows.

### Dwarf Varieties of Shell Beans FOR WINTER USE

These are always useful for soups, baked beans, etc. They can be used in the green state, like other sorts, when picked very young. Plant when ground is warm in spring and up to July 1, in rows 2 feet apart, Beans 3 inches apart in the row.

**Boston Navy or Pea.** 93 days. Snowy white variety of small size. Pkt. 10c.; ½lb. 20c.; lb. 35c.; 5 lbs. \$1.50.

**Long-Pod Broad or Fava.** 75 days. An English Bean used in the dry state, shelled. Plant in rows about 3 feet apart, 8 inches apart in the row. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Dwarf Horticultural.** 54 days. One of the best early Shell Beans. Thick, flat, stringless pods colored red and green; Beans large, round, and speckled. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Red Kidney.** 95 days. Pods long, kidney-shaped, light red. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 5 lbs. \$1.85.

**White Marrow.** 100 days. Larger than Boston Navy Bean and extensively planted for shelling for winter or for using in the green state. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 5 lbs. \$1.85.

### Yellow-podded Varieties

#### Improved Rustproof Golden Wax.

**Rust-Resistant.** 51 days. Vigorous grower. One of the best of the Wax Beans. Pods flat, medium length, good quality. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

**Pencil-Pod Black Wax.** 55 days. A round-podded, hardy, very early sort that is entirely stringless. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Round-Podded Kidney Wax.** 58 days. **Rust-resistant.** Vigorous grower with fleshy, stringless pods. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

**Sure-Crop Stringless Wax.** 53 days. Very productive, hardy and may be planted early. Long, thick, flat pods of excellent quality. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

### Edible Soy Beans

**Bansel.** 95 days. An early home-garden variety fine for green shelling, not susceptible to shattering. They are a delectable vegetable, either green or dry, and well worth adding to your garden. Soy Beans can be cooked and served similar to Lima Beans. They are prolific and highly resistant to disease and insects. Pkt. 10c.; ½lb. 20c.; lb. 35c.; 5 lbs. \$1.50.

#### 1001 Garden Questions Answered.

Hottel. Covers flowers, fruits and vegetables. 383 pages. \$2.50.



# Test your gardening skill by growing Lima Beans

## POLE or RUNNING BEANS

One pound of seed will plant 150 to 200 hills; about 20 pounds, an acre

HARICOTS A RAMES (Fr.) FAGIUOLI (Ital.) STANGENBOHNEN (Ger.)

When all danger of frost or cold nights is over, plant in hills 4 feet apart each way, about 4 or 5 Beans to the hill, eyes downward, and when up and established, thin out to 3 plants in a hill. One planting usually lasts for the season.

### Green-podded Varieties

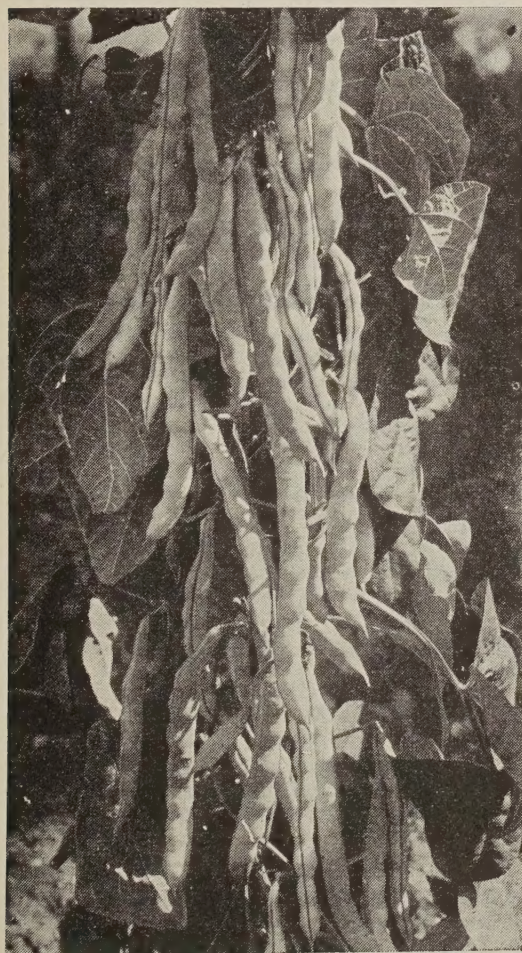
**Decatur.** 60 days. Silver Medal. Widely recommended for the garden and wherever Pole Beans grow. It is stringless, resistant to Bean rust, and of the early type. One of the heaviest bearers of them all. Pkt. 15c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

**Horticultural or Speckled Cranberry.** 70 days. Long, pale green pods, which become streaked with red when mature. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

#### Kentucky Wonder or Old Homestead.

65 days. In the South this variety is grown more extensively probably than any other. A tremendous yielder of long, round, tender and practically stringless pods. Ready for picking about 85 days from planting. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Lazy Wife.** 74 days. The flat, long green pods are borne in clusters and contain 6 or 7 Beans. A very productive stringless Pole Bean. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.



Kentucky Wonder Pole Beans

## POLE BEANS, continued

**Scarlet Runner.** 90 days. While used principally for its flowering qualities, this makes a fine winter Shell Bean. The bright red flowers are an attraction when the vine is used for covering arbors, trellises, fences, etc. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

**Yard-Long or Giant-podded Asparagus.** 72 days. Produces an enormous crop of pods 2 feet or more in length, tender and of excellent quality. Pkt. 15c.; ½lb. 30c.; lb. 50c.

### Yellow-podded Variety

**Kentucky Wonder Wax.** 65 days. A very prolific sort, producing long, thick, almost straight pods which are of a light yellow color and of excellent quality. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

## LIMA BEANS

HARICOTS A RAMES (Fr.) STANGENBOHNEN (Ger.) FAGIUOLI DI LIMA (Ital.)

Prices quoted on Beans are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post table on page 1. Larger quantities shipped at purchaser's expense.

### Pole Varieties

Two pounds will plant 100 hills; 25 to 30 pounds, an acre

Plant when all danger of frost or cold nights is over, with the eye of the Bean down. Put a liberal number in a hill, as this is cheaper than replanting. When up and established, thin out to 3 or 4 plants in a hill. The poles should be set as soon as the garden is made, in rows about 3 feet apart with the poles about 3 feet apart in the row. It is a good plan to put a small shovelful of well-rotted cow-mannure in each hill when the poles are set, so the Beans, when started, will make rapid growth and mature early.

**Carpinteria.** 88 days. Retains its green color in all stages of growth, even after being dried, and combines wonderful prolificness, flavor, and size. A good early variety with 4 or 5 Beans in a pod. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

**Challenger or Dreer's Improved.** 92 days. Although somewhat smaller than other Limas, it is very early, prolific and of delicious flavor. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

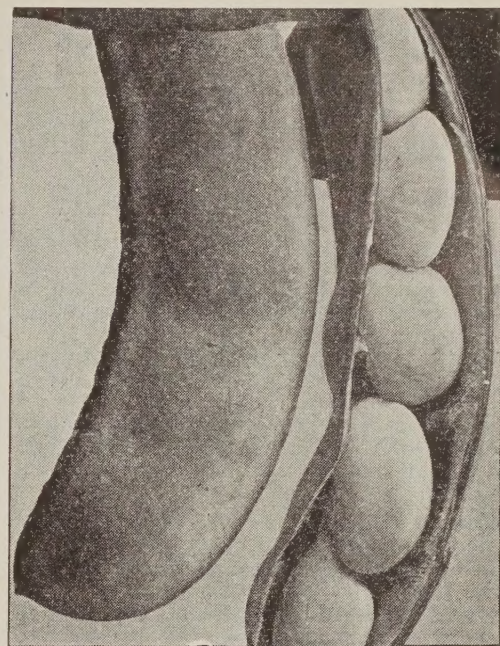
**Giant-podded.** 90 days. Heavy, stocky vine well filled with clusters of gigantic pods. Nice-sized white Beans. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

**King of the Garden.** 88 days. An old-time favorite. Sturdy grower, exceedingly productive and of good flavor. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Michell's Evergreen.** 87 days. An exceptionally early Pole Lima. It is remarkable for its productiveness and good flavor and continues bearing until frost. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

**Carolina or Sieva.** 77 days. Produces small flat Beans of fine quality. Heavy yielder. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

If you want your Bean-patch to yield earlier and better, inoculate the seed before planting with LEGUME-AID. When ordering, be sure to specify if wanted for garden Beans, as each leguminous crop requires a separate culture. See page 100.



Fordhook Bush Lima Beans

### Bush or Dwarf Lima Beans

One pound will plant 50 feet of row

Bush Limas should be planted for early crops, as they come into bearing much sooner than the pole varieties. Plant in rows about 30 inches apart, spacing them 4 inches apart in the row and covering to the depth of 1½ inches.

**Michell's Cangreen.** 66 days. Green-seeded Lima notable for the green color of the fleshy part of the seed in the dry stage, making it very attractive for canning. Highly recommended for freezing preservation. Pkt. 15c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Baby Fordhook.** 72 days. Plant small but branchy and vigorous; pods very numerous, tightly filled with 3 or 4 small plump seeds of high quality. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Burpee's Improved.** 77 days. A great improvement over the old strain of Burpee's Bush Lima. The Bean is thicker, sweeter, and the bush more prolific. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Fordhook 242.** Bronze Medal, 1944 All-America Selections. The outstanding characteristic of 242 is its greater productivity, particularly under adverse conditions. It does much better in hot and humid weather than any other Fordhook type. The curved pods are uniform in size, with 3 to 4 thick-seeded Beans of excellent quality and flavor. The plant is as tall as the regular Fordhook but wider spreading and with more foliage. It is the heaviest yielder of the large bush Limas. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**Fordhook.** 75 days. Distinct, upright, vigorous growth; pods borne in clusters well above the ground and frequently contain 4 thick, luscious Beans. Matures early and continues in bearing until frost. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Henderson's.** 67 days. Dwarf, compact-growing variety; large clusters of pods containing very small, flat Beans. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Wilson's Improved.** 67 days. Earlier than Burpee's Improved Bush Lima; more prolific, but not quite as large. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

**CEDAR BEAN-POLES (Pointed).** Extra-selected quality, about 10 feet long. 12 for \$3.50; 25 for \$6.50; 50 for \$12.00; 100 for \$20.00.



## MICHELL'S CHOICE BEET SEED

BETTERAVE (Fr.) SALATRUBE (Ger.)  
BARBABIETOLA (Ital.)

One ounce will sow a row 50 feet long;  
5 pounds, an acre

Beets are tasty, a pleasing addition to your menu. The Beet tops can also be used, having an unusually high food-value, being rich in Vitamins A and C, with a goodly percentage of calcium and iron.

Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough, thin to stand 4 inches apart in the row. For an early crop in hotbed sow the seed in early March, while for a winter supply sow about July 10 outdoors.

**Crimson Globe.** 56 days. Rich deep red Beets, almost round, with a distinct delicious flavor, and very tender. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 85c.; lb. \$2.50.

**Crosby's Egyptian, Special Strain.** 51 days. A special selection of the usual strain and repeated tests have proved it to be a darker red and much earlier. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.00.

**Crosby's Egyptian, Usual Strain.** 51 days. Especially desirable on account of its rich blood-red color throughout. Early, and one of the best table Beets. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 70c.; lb. \$2.25.

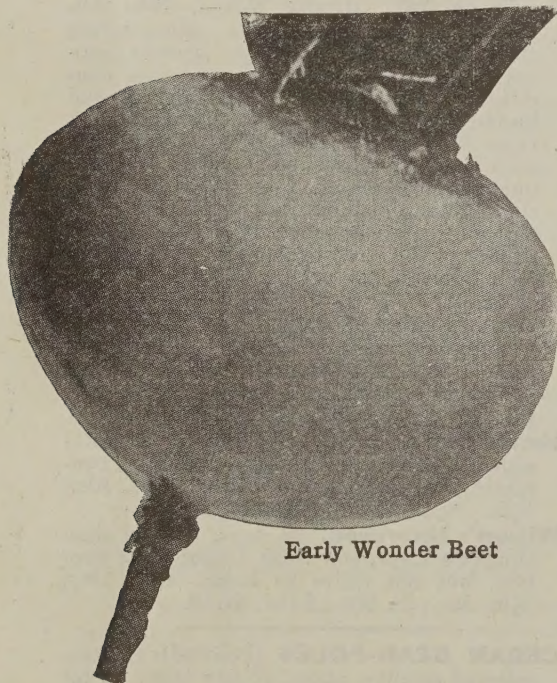
**Detroit Dark Red, Michell's Special Strain.** 56 days. Carefully reselected seed from the choicest, most uniform roots. Found superior to the usual type of Detroit Beet. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$ lb. \$1.45.

**Detroit Dark Red, Usual Strain.** 56 days. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.; lb. \$3.00.

**Early Wonder.** 58 days. Extra-early, globe-shaped, with deep blood-red, tender flesh. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.; lb. \$2.50.

**Lentz Early.** 50 days. Fine for sowing in hotbeds and early outdoors. Flesh red, with zone of lighter shades. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$ lb. \$1.45; lb. \$4.30.

**Michell's Winter Keeper.** 78 days. Top-shaped Beet with rich red, tender, sweet flesh. One of the best winter varieties. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$ lb. \$1.45; lb. \$4.30.



Early Wonder Beet

## Mangel-Wurzel

Sow 5 pounds per acre during April and May, in thoroughly plowed, well-manured soil, in drills about 2 feet apart, and thin out to 1 foot apart in the row. Keep the weeds down by frequent hoeing and cultivating. Low ground is best for Mangel-Wurzels.

**Golden Tankard.** 102 days. The best long yellow Mangel. Matures earlier than other large sorts. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.; lb. \$2.75.

**Lane's Improved White Sugar.** 100 days. Attains an enormous size, growing considerably above the ground. One of the best for stock-feeding. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.; lb. \$2.20.

**Mammoth Long Red.** 110 days. An enormously productive variety, yielding from 50 to 75 tons to the acre, a single root often weighing from 20 to 40 pounds. The best long red Mangel. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$ lb. 60c.; lb. \$1.75.

## SWISS CHARD

### Spinach Beet

POIRE (Fr.) BEISSKOHL (Ger.)  
BIETA (Ital.)

One ounce will sow a row about 50 feet long

Can be used in five weeks after sowing, and is a continuous crop until killed by frost. Cultivated for the leaves which are used for greens; the outer leaves only should be carefully pulled from the plant and the foliage part separated from the rib in preparing to cook. Chard is served like spinach which it resembles in taste; the ribs when boiled and served with melted butter are the equal of the finest asparagus.

**Dark Green Curled.** 55 days. Large, dark green leaves with silvery white stems, tender and of fine flavor. Pkt. 15c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.

**Giant Lucullus.** 50 days. Very tall-growing, with crinkly leaves often 2 feet long. Beautiful ornamental plant for any garden. Pkt. 15c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.

**Fordhook Giant.** 55 days. A recent introduction of real merit. The leaf is dark green, heavily crumpled as in Lucullus. Midrib is wide and thick, with a good white color. The plant is strong, sturdy and a good grower. Pkt. 15c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.

**Swiss Chard Rhubarb.** 60 days. A delicious Chard having a bright rich crimson leaf-stalk that resembles rhubarb, and dark green crumpled leaves, veined with crimson. Pkt. 15c.; oz. 50c.

## BORAGE

An herb whose leaves are used as a salad. Pkt. 15c.;  $\frac{1}{4}$ oz. 60c.;  $\frac{1}{2}$ oz. \$1.00; oz. \$1.50.

## BRUSSELS SPROUTS

CHOU DE BRUXELLES (Fr.) ROSEKOHL (Ger.)  
BERZA DE BRUSSELS (Ital.)

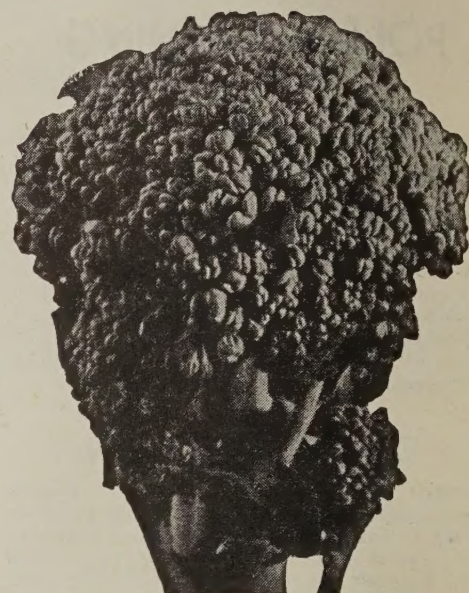
One ounce will produce about 3000 plants

Sow seed about May 15 and transplant when about 4 inches high, in rows 3 feet apart, 2 feet apart in the row. When heads begin to crowd, the lower leaves should be broken from the stem of the plant to give them plenty of room. Best for cooking after slight frost.

**Michell's Mammoth Fancy.** 90 days. We have an exceptionally fine strain of these Sprouts. Compact, dwarf type, having stems covered with fancy, solid Sprouts. Pkt. 25c.;  $\frac{1}{2}$ oz. \$1.25; oz. \$2.00.

**Long Island Improved.** 90 days. Compact heads. Very productive. Pkt. 15c.;  $\frac{1}{2}$ oz. 50c.; oz. 90c.

**Matchless Improved.** 90 days. Pkt. 25c.;  $\frac{1}{2}$ oz. \$1.25; oz. \$2.00.



Italian Broccoli

## BROCCOLI

BROCCOLI (Fr.) SPARKELKOHL (Ger.)  
BROCOLI (Ital.)

One ounce will produce 3000 plants

Resembles cauliflower and often grown where the latter does not thrive. Culture is similar.

**Early Green Calabrese.** 70 days. Much sought by the Italian trade, and is quite popular in American gardens. After the fair-sized green head is cut from the main stalk, new sprouts develop into small, loose heads. Pkt. 15c.;  $\frac{1}{2}$ oz. 40c.; oz. 75c.;  $\frac{1}{4}$ lb. \$2.25.

**Rapa or 40-Day.** A very early type of sprouting Broccoli producing many small heads. The seed is usually broadcast thickly. Cut when about 10 to 12 inches high, just before the heads burst into bloom. Suitable for early spring or fall sowing. Makes very fine greens. Pkt. 10c.;  $\frac{1}{2}$ oz. 20c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.00.

## CARAWAY

Herb used for flavoring, etc. Pkt. 15c.;  $\frac{1}{4}$ oz. 30c.;  $\frac{1}{2}$ oz. 50c.; oz. 90c.

## Chinese or Celery Cabbage

A native of China and distinct from other Cabbage. It grows like Romaine lettuce, and makes a tasty salad, having a delightful flavor. Seed should be sown the latter part of July, in rows 2 $\frac{1}{2}$  feet apart, and the plants thinned out to 18 to 20 inches in the rows; if sown too early the heat causes it to run to seed. The heads mature in 8 to 10 weeks.

**Chihili (Improved Pekin).** 75 days. Early and dependable in heading. Head 3 to 4 inches thick, tapered at tip, solid, blanches well, sweet and tender. A superior variety. Pkt. 15c.;  $\frac{1}{2}$ oz. 35c.; oz. 60c.;  $\frac{1}{4}$ lb. \$1.75.

**Pe-Tsai.** 75 days. Heads firm; grows somewhat taller than Wong-Bok, but not as thick through. Pkt. 15c.;  $\frac{1}{2}$ oz. 30c.; oz. 50c.;  $\frac{1}{4}$ lb. \$1.50.

**Wong-Bok.** 85 days. Does not grow as tall as Pe-Tsai, but is thicker through. Heads are elongated, self-folding, and require no blanching. Pkt. 15c.;  $\frac{1}{2}$ oz. 35c.; oz. 60c.;  $\frac{1}{4}$ lb. \$1.75.

**LAGS RABBIT CHASER.** Spray on plants and vegetables to repel rabbits. Will not burn or harm plants or rabbits. 4-oz. bottle with directions, 50c.





Chantenay Carrots

## MICHELL'S CHOICE CARROT SEED

CAROTTE (Fr.) MOHRRUPE (Ger.)  
CAROTA (Ital.)

One ounce will sow 100 feet of drill;  
3 to 4 pounds, an acre

For an early crop, sow as soon as danger from frost is over, in rows 1 foot apart; when 2 inches high, thin out to stand 2 inches apart in the row. For a late crop, sow in May or June.

**California Bunching.** 77 days. The roots at full maturity are almost cylindrical, 1 to 1½ inches in diameter, about 8 inches long, smooth, and free from side shoots. Red flesh of fine quality. Pkt. 15c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

### Chantenay Half-Long, Special Strain.

72 days. Selected for earliness and uniformity, its tenderness and fine flavor have proved it a superior stock. A stump-rooted, orange-scarlet variety, 5 inches long, with tender, fine-grained flesh. Especially desirable for market or home use. Pkt. 15c.; ½oz. 30c.; oz. 45c.; ¼lb. \$1.25; lb. \$3.75.

**Chantenay Half-Long. Usual Strain.** 72 days. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

**Coreless or Nantes Half-Long.** 70 days. One of the finest medium-sized sorts. Roots blunt-pointed, smooth, bright orange, and of excellent quality. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

**Danvers Half-Long.** 75 days. The best for general-crop variety; a heavy yielder and excellent keeper. It is stump-rooted, 6 to 7 inches long, and rich orange. Pkt. 15c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.25; lb. \$4.65.

**Early Scarlet Horn.** 64 days. A favorite early red variety. Stump-rooted, about 6 inches long; flesh fine-grained and of good flavor. Ideal for soups. Pkt. 20c.; ½oz. 35c.; oz. 55c.; ¼lb. \$1.75.

**Guerande or Oxheart.** 72 days. A desirable variety on soils too hard and stiff for the longer-growing sorts, as it is not over 3 to 4 inches long. Flesh rich orange, of fine flavor. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

**Imperator.** 77 days. The roots are 7 to 8 inches long, tapering gradually toward the tip. The fine-grained deep orange flesh is exceptionally mild and of sweet flavor. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

**Improved Long Orange.** 88 days. Deep orange, 10 inches long. Yields heavily. Fair table quality; best for stock-feeding. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

## MICHELL'S CHOICE CABBAGE SEED

CHOU POMME (Fr.) KOPF KOHL (Ger.) CAVOLO CAPPuccio (Ital.)

One ounce will produce about 3000 plants; 4 ounces, enough for an acre

Our strains, the very best to be had, are selected from specimen heads in well-reged fields. Sow seed of the early varieties in February in hotbeds and transplant, the latter part of April or early in May, to open ground, or an early sowing can be made in open ground as soon as weather permits. Set plants in rows 2 feet apart and 1 to 1½ feet apart in the row. Sow second-early varieties in April and transplant in May; late varieties in May and transplant in July, setting plants in rows 3 feet apart and 2 feet apart in rows. Never plant Cabbage in the same location two years in succession.

### Early Cabbage

**Allhead.** 78 days. The largest of the early Cabbages. Head roundish flat and remarkably solid; excellent for winter as well as early spring. Pkt. 15c.; ½oz. 30c.; oz. 55c.; ¼lb. \$1.80.

**Charleston or Large Wakefield.** 74 days. Similar to Extra-Early Jersey Wakefield, but the heads are more blunt, grow almost twice the size, and mature one week later. Pkt. 10c.; ½oz. 25c.; oz. 45c.; ¼lb. \$1.50.

**Copenhagen Market.** 69 days. An early, round-headed variety, following Golden Acre. The heads frequently weigh as much as 10 pounds. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$1.75.

**Extra-Early Jersey Wakefield.** 63 days. Uniform, pointed heads. Outer leaves form a protection for the heads, permitting it to be set out earlier than other sorts. Pkt. 15c.; ½oz. 25c.; oz. 45c.; ¼lb. \$1.50.

**Glory of Enkhuizen.** 80 days. Regarded as the standard midseason variety. Well adapted for kraut purposes. Head is 9 inches in diameter, solid, round, of very fine quality. A sure cropper. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.75.

**Golden Acre.** 64 days. Dwarf plants and round, solid, uniform heads, averaging 5 pounds in weight. Has few outer leaves, making it suitable for close planting. Pkt. 10c.; ½oz. 35c.; oz. 60c.; ¼lb. \$2.35; lb. \$6.95.

**Green Acre.** 66 days. An entirely new type of extra-early, round-headed Cabbage. The only white variety which possesses an inherent green-colored surface of head. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.35; lb. \$6.95.

### Yellows-Resistant Varieties

These are highly recommended to yield satisfactory crops where other varieties fail because of Wilt or "Yellows."

**Wisconsin All-Seasons.** 90 days. Selected from All-Seasons. Late drumhead variety showing great resistance to mosaic disease and yellows. It is exceptionally hardy and will withstand drought and insects unusually well. Very heavy yielder. Pkt. 10c.; ½oz. 35c.; oz. 60c.

**Bugner.** 100 days. One of the most popular of the green type of yellows-resistant Cabbage. Very large, slightly flattened, globe-shaped head weighing 8 to 10 pounds. Very high yielding and a good keeper. Pkt. 20c.; ½oz. 60c.; oz. 95c.

**Wisconsin Ballhead.** 85 days. A yellows-resistant strain selected from Danish Ballhead, practically identical in type and season. Round, solid, compact head with short stem and blue-green foliage. Pkt. 20c.; ½oz. 60c.; oz. 95c.

**Globe.** 75 days. A yellows-resistant strain of Glory of Enkhuizen; of similar type and usage. Heavy yielder, widely used for kraut and shipping. Pkt. 20c.; ½oz. 60c.; oz. 95c.

**Jersey Queen.** 66 days. The first of the resistant types to mature. In type and earliness similar to Jersey Wakefield. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

**Marion Market.** 79 days. A very large, round head; early, solid and of fine quality. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$2.35.

**Micell's Danish Red Ballhead.** 105 days. Our strain of this popular yellows-resistant variety is similar to the Danish Ballhead type, differing only in color, which is purple-red becoming deeper with maturity. Pkt. 20c.; ½oz. 75c.; oz. \$1.50.

**Wisconsin (Hollander).** 105 days. A splendid late variety. Attractive, large, globular heads; very solid, weighing from 8 to 10 pounds. Splendid for winter and an excellent variety for kraut. Pkt. 15c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.55.

**Red Hollander.** 100 days. A uniform round head, late, purple-red Cabbage. Solid and compact from formation to maturity. Highly resistant to the yellows. Pkt. 20c.; ½oz. 75c.; oz. \$1.50.

### Late or Winter Varieties

**All-Seasons or Vandergaw.** 87 days. Very large head, round and solid, valuable for late summer or winter use. Pkt. 10c.; ½oz. 35c.; oz. 65c.; ¼lb. \$2.00.

**Danish Ballhead. Dwarf Stem.** Unequaled for massiveness, weight, and keeping qualities. It is crisp, tender, and sweet. Does well under almost any condition of moisture or drought. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

**Late Flat Dutch.** 100 days. This seed has been selected especially for our trade from the finest type of heads, chosen for solidity and uniformity. Large heads of unsurpassed quality. Pkt. 10c.; ½oz. 25c.; oz. 45c.; ¼lb. \$1.50.

**Mammoth Red Rock.** 100 days. Good winter keeper. Heads globe-shaped, slightly flattened, and very hard. Pkt. 15c.; ½oz. 60c.; oz. 95c.; ¼lb. \$3.15.

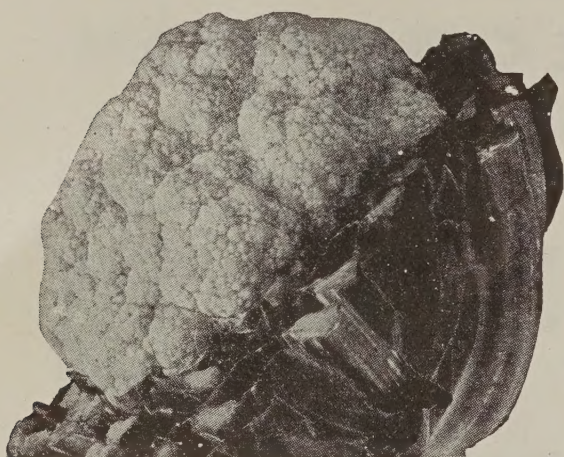
**Perfection Drumhead Savoy.** 90 days. A beautiful crimped-leaved sort with almost round, deep glossy green heads. Savoy Cabbage is distinctly flavored, being much sweeter than the other kinds. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.50.

**Penn State Ballhead.** 105 days. Exceptionally hard, flattened globe heads 6 to 7 inches deep. Very good for winter storage and kraut. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.



Charleston or Large Wakefield Cabbage





New White Wonder Cauliflower

## CAULIFLOWER

CHOU-FLEUR (Fr.) BLUMENKOHL (Ger.)  
CAVOL FIORE (Ital.)

One ounce will produce about 3000 plants

Sow seed in hotbeds or window-boxes, in February or March, and transplant in cold-frames. When hard frosts are over, plant outdoors. For second crop, sow in April and set out in May; for late crop, sow in June and set out in July. Plants should be set in rows 3 feet apart, 2 feet apart in the row.

**Danish Giant or Dry Weather.** 67 days. An ideal variety for summer use, as it stands drought and heat better than other sorts. Enormous snow-white heads. Later than other varieties. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.25; ½oz. \$2.00.

**Early Snowball.** 54 days. Fine for either forcing under glass in coldframes or outdoor spring planting. Magnificent, medium-sized, white heads. Pkt. 25c.; large pkt. 70c.; ¼oz. \$1.50; ½oz. \$2.25.

**New White Wonder.** 55 days. An improved strain developed and bred for the critical grower. Good-sized, very solid heads, fine-grained, pure snowy white which does not turn yellow, even in the bright sunlight. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.75; ½oz. \$2.75.

**Snowdrift.** 55 days. One of the best varieties for shipping long distances. Plant of medium height with upstanding, medium green outer leaves. Head slightly larger than Snowball, firm, solid, very white, well protected by inner folding leaves; curd has fine texture and is free from small protruding leaves. Pkt. 25c.; large pkt. 70c.; ¼oz. \$1.50; ½oz. \$2.25.

**Super Snowball.** 55 days. A highly desirable main-crop variety; also used for early planting. Starts heading early and uniformly. Heads medium large, compact, very white. Much used by produce growers and shippers. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.75; ½oz. \$2.75.

**Veitch's Autumn Giant.** 85 days. A very desirable, large, late variety. Pkt. 25c.; large pkt. 70c.; ¼oz. 95c.; ½oz. \$1.75.

**Cauliflower Broccoli, Pearl Type, November.** This variety is very similar to the late-maturing Cauliflower. Under proper conditions seed sown in June will produce large white heads in November. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.75; ½oz. \$2.75.

## CATNIP (Herb)

For making tea; a cat tonic, etc. Leaves and young shoots used for seasoning. Pkt. 15c.; ¼oz. 75c.; ½oz. \$1.25; oz. \$2.00.

## CELERY

CELERI (Fr.) SELLERIE (Ger.)  
SEDANO (Ital.)

One ounce will produce 3000 to 5000 plants;  
½ pound will sow an acre

Sow in hotbeds in March, or in open ground in April. See that no weeds infest the seedbed. When 3 inches high, transplant in a bed outdoors in rows 3 inches apart each way; let them remain there until July, when they should be planted where they are to mature, in rows 3 feet apart, 6 inches apart in the row. Celery plants, if topped a few times, before and when transplanted into their permanent growing place, will make shorter, stockier plants.

Seeds offered on this page mailed  
postpaid at quoted prices

**Michell's Super Fullheart.** 107 days. During our search for the best, we found this strain of Easy-Blanching or Fullheart to be unsurpassed. Medium tall, compact, heavy, firm and crisp stalks. Excellent for hearts. Show considerable resistance to heart and root rot and blight. Pkt. 25c.; ¼oz. 75c.; ½oz. \$1.25; oz. \$2.25; ¼lb. \$7.25.

**Michell's Super Pascal.** 137 days. This is by far the finest strain of Pascal Celery obtainable. Resistant to blight. Much heavier stalk than Giant Pascal. Stems entirely stringless. Stalks 22 to 24 inches tall. Pkt. 25c.; ¼oz. \$1.00; ½oz. \$1.75; oz. \$2.50; ¼lb. \$8.25.

**Michell's Super Plume.** 114 days. Like all Michell's Super Strains of Celery, this is the result of years of careful and rigid selection. Will grow 24 to 26 inches tall, with heavy, stringless, crisp, superbly flavored, 9-inch stems. Withstands blight and other diseases far better than most strains. Pkt. 25c.; ¼oz. 75c.; ½oz. \$1.25; oz. \$2.25; ¼lb. \$7.25.

**Summer Pascal.** 110 days. An early-maturing green Celery of superior quality that blanches to a pure white. The stems to first joint are 8 to 9 inches long. Pkt. 25c.; ¼oz. 75c.; ½oz. \$1.25; oz. \$2.25.

**Easy-blanching.** 110 days. *Usual Strain.* An excellent early variety, being ready in October. Enormous, very crisp stalks. Pkt. 10c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

**Emperor.** 126 days. Dwarf-growing, very brittle, and of extra-fine flavor. A good winter keeper. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$3.00.

**Golden Plume.** 115 days. *Usual Strain.* Matures early and blanches quickly. Crisp, tender, stringless stalks of finest flavor. Pkt. 15c.; ½oz. 75c.; oz. \$1.25; ¼lb. \$3.75.

**Golden Self-blanching.** 114 days. The beautiful golden stalks attain a height of 1½ feet, are never pithy, and of excellent flavor. Ready in October, but may be kept for early winter use. Pkt. 15c.; ½oz. 75c.; oz. \$1.25; ¼lb. \$3.75.

**Giant Pascal.** 138 days. Thick, meaty, tender stalks of unsurpassed flavor. One of the best because of its long season, being fit for use in October and keeps well into spring. Pkt. 10c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

**Salt Lake or Utah.** 127 days. An excellent green variety for all uses. Matures about a week or ten days earlier than Giant Pascal. Plants compact and exceptionally solid. Stems thick, well rounded, of fine quality, and rich nutty flavor. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$3.00.

## CELERY, continued

**White Plume.** 112 days. The standard early Celery for market and the home-garden. The stalks and heart blanch very quickly to almost a pure white; very crisp and brittle. Ready early in November. Pkt. 10c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

**Winter Queen.** 132 days. A medium tall, solid variety that will retain its qualities long through the winter. The heart is very full and large. Pkt. 10c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

## CELTUCE

80 days. Belongs to the lettuce family. When the light green leaves are young it may be used as lettuce and when the mature stalks are peeled of the tough outer skin they may be cooked or used as a raw vegetable like celery. Pkt. 15c.; ½oz. 55c.; oz. \$1.00.

## CELERIAC

This is a two-purpose vegetable; the leaves are cut when young and used to flavor soups and meats; the roots are boiled, sliced, cooled, and served as a salad.

**Giant Prague.** 112 days. Pkt. 10c.; ½oz. 50c.; oz. 90c.; ¼lb. \$3.00.

## Celery for Flavoring

Not for sowing. ¼lb. 75c.

## CHIVES . Schnittlauch

Indispensable for flavoring certain dishes, imparting a mild taste of onion. The plants are hardy and will last for years. For winter use, lift and plant in a pot or box and place in a sunny window in the kitchen.

**Seed.** Pkt. 15c.; ¼oz. 55c.; ½oz. \$1.00; oz. \$1.75.

## CHICORY

One ounce will sow a row 100 feet long

**Magdeburg.** 120 days. The long, smooth white roots are used as a substitute for coffee when roasted and ground. Leaves may be used for salad. Pkt. 10c.; ½oz. 40c.; oz. 60c.

**Witloof or French Endive.** 145 days. The roots are easily produced from seed, sown in May or June, in rows 1 foot apart; thin out the plants to 2 to 3 inches. They are taken up after a few hard frosts and cared for the same as turnips or similar crops. Used only as a winter vegetable, the top part only being edible. Plant under a bench in the greenhouse or a light, dry, warm portion of a cellar in a bed of rich garden soil 1 foot deep. Place about 6 inches apart each way. The top growth remains intact, and may be cut any time after 5 inches of growth. Roots should be set in the soil the same depth as they were originally in the garden. Pkt. 15c.; ½oz. 45c.; oz. 75c.; ¼lb. \$2.25.

## COLLARDS

One ounce of seed will produce 3000 plants

Extensively grown in the South and used as "greens" during the winter months. In that latitude the plant is practically hardy. The lower leaves are pulled off and used; new ones then form on the upper part of the stem, which increases in height. Planted much like cabbage.

**Georgia or Southern.** 75 days. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. \$2.25.

**Cabbaging.** 70 days. A rich, tasty "green," long grown in the South, rapidly gaining in popularity in the North. Medium tall with clusters of loose-folding, tender leave which can be picked as needed. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. \$2.25.



## MICHELL'S SELECTED SWEET SUGAR CORN

MAIS (Fr.)    MAIS (Ger.)    GRANO TURCO (Ital.)

One pound will plant about 150 hills;  
12 to 15 pounds, an acre

Plant once a week from the time the ground is permanently warm until July 15, 6 to 8 grains in a hill 3 feet apart each way, and thin out when 4 inches high to 3 or 4 plants to the hill, or plant in rows 3 feet apart and thin out so the plants stand 1 foot apart. Early varieties should be planted for a late crop to be sure of maturity.

Prices quoted on Sugar Corn are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post table on page 1. Larger quantities shipped at purchaser's expense.

### Open Pollinated Types

**Micell's Early White.** 60 days. An extra-early white Sweet Corn producing two large 12-rowed ears on each stalk. An excellent Corn for early market or home use. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Black Mexican.** 88 days. The grains of this medium-early variety cook white when young and a violet shade on the outside when older, but are good in both stages. Ears medium size. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

**Country Gentleman.** 95 days. A distinct sort, with deep, fine grains irregularly placed on the cob. In sweetness it is unapproached. Ears large. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Early Evergreen.** 90 days. Resembles Stowell's Evergreen, but ripens 10 days earlier. Large, well-shaped ears with deep grains. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Golden Bantam.** 79 days. While yellow in color this is one of the sweetest and earliest varieties. Ears medium size; kernels tender and delicious. We recommend it very highly for the home-garden. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

**Improved Golden Bantam.** 84 days. An excellent midseason Corn producing golden yellow ears 6 to 7 inches long, with 12 to 14 rows of sweet tender kernels. The stalks are 6 feet high, strong and vigorous. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Golden Giant.** 87 days. Ears about 11 inches long, well filled out from butt to tip with deep golden yellow grains. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

**Golden Sunshine.** 74 days. Matures 7 to 10 days before Golden Bantam. Dwarf habit. Ears 6½ inches long with 12 rows of broad, yellow, sweet grains. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

**Howling Mob.** 83 days. Fine for the market gardener, as well as for home use. Might be classed worm-proof, since the husk covers the ear completely. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

**Stowell's Evergreen.** 95 days. The best late Corn grown. Ears extra large, and produced in abundance. Its sweetness is unexcelled. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

**Vanguard (Improved Howling Mob).** 79 days. Height of stalk 5 to 5½ feet. Ears medium in length, thick, averaging 6 to 7 inches, short pointed; grains of average length, white, mostly in 12 to 16 rows. A favorite in New Jersey for a first-early Sweet Corn. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Whipple's Early Yellow.** 87 days. Produces a large ear of exceptional quality. Stalks large, often producing two marketable ears 8 to 9 inches long with 14 rows of broad, deep kernels. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

### Hybrid Types

**Alphagold.** 60 days. A very fine Corn of outstanding quality. Earlier than Golden Bantam and generally twice as productive, the attractive 8-inch, 12-rowed ears command a premium on the market. We have never seen its equal, and it holds this fine quality two to three days longer than other Corns. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

**Aristogold.** 83 days. Very satisfactory. It is tender, exceptionally well flavored, and produces a heavy crop. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

**Bantam Evergreen Hybrid.** 95 days. A late yellow hybrid with large 14 to 16-rowed ears. Stalks grow 7 to 8 feet tall. More resistant and better than Bantam Evergreen. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

**Carmelcross.** 79 days. A new development by the Connecticut Agricultural Experiment Station, and recommended for the northeastern states. Ears average 12 rows. Resembles Marcross but is later in maturing. Excellent quality. Pkt. 15c.; ½lb. 35c.; lb. 65c.; 5 lbs. \$3.00.

**Golden Cross Bantam.** 85 days. This hybrid of the Bantam type grows much larger stalks than the regular Bantam strain. Ears are 7 to 8 inches long, with 12 or 14 rows of fair-sized kernels. Ready for use in about 86 days from planting. Pkt. 15c.; ½lb. 35c.; lb. 65c.; 5 lbs. \$2.75.

**Hybrid Stowell's Evergreen Corn.** 93 days. Hybrid Stowell's Evergreen is recommended for the main and late crop. Compared with the open-pollinated type it makes a better root-growth, a sturdier stalk, is disease-resistant. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.00.

**Ioana.** 83 days. A fine uniform All-America Winner that has made a place for itself in the market-garden trade. The well-filled ears are 8 inches long, 12 to 16-rowed. The suckerless stalks grow 6 to 7 feet tall, showing great resistance to drought. Pkt. 15c.; ½lb. 35c.; lb. 65c.; 5 lbs. \$2.75.

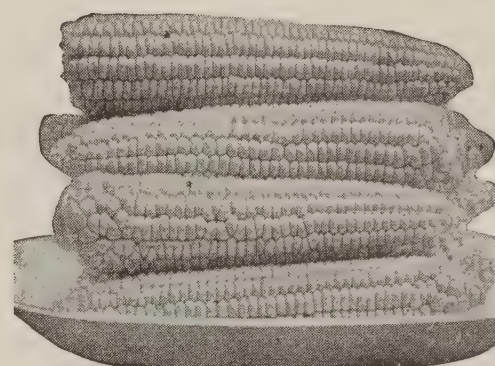
**Lincoln.** 83 days. 1942 Winner Bronze Medal. Tastiest ear of Corn grown today. Developed for home and market gardens. Stalks sturdy, highly resistant to Stewart's disease. Ears 12 or 14-rowed, well filled at tips; kernels golden yellow, of medium length and good flavor. Very prolific. Pkt. 15c.; ½lb. 35c.; lb. 65c.; 5 lbs. \$2.75.

**Marcross.** 76 days. Stalks short but sturdy, highly resistant to Stewart's disease. Ears long, plump, abruptly tapered at tips, 10 to 14-rowed, with light cream-yellow, medium-broad kernels of good quality. Pkt. 15c.; ½lb. 35c.; lb. 65c.; 5 lbs. \$2.75.

**Silver Cross Bantam.** 82 days. A snowy white counterpart of Golden Cross Bantam. The heavy 12 or 14-rowed ears are somewhat larger, the 7 to 8-foot stalks are free from suckers. Pkt. 15c.; ½lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

**Spancross.** 73 days. Stalk of medium height. Ear well filled, uniform, attractive, having 10 to 14 rows of golden yellow kernels of good quality. Pkt. 15c.; ½lb. 35c.; lb. 65c.; 5 lbs. \$2.75.

**Tendermost.** 83 days. A very fine Corn of outstanding quality. The clean golden 14-rowed ears are deliciously sweet and develop a brilliant color. They have plump, well-filled tips with deep kernels. It has a great degree of resistance to smut and is less damaged by earworms than most yellow Corn. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.



Ioana Hybrid Sweet Corn

### HYBRID TYPES, continued

**Top Flight Bantam.** 82 days. One of the outstanding winners from the All-America seed trials. This handsome 14 to 16-rowed yellow Sweet Corn generally produces two well-developed ears to a stalk. They are 9 inches long, well filled, tender and succulent. Will yield more marketable ears per acre than any other kind. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.00.

### Pop Corn (Shelled)

**Queen's Golden.** Pops white. ½lb. 25c.; lb. 40c.; 3 lbs. \$1.10.

**Snowflake.** ½lb. 25c.; lb. 40c.; 3 lbs. \$1.10.

### CORIANDER

Herb used for flavoring, etc. Pkt. 15c.; ½oz. 30c.; oz. 50c.

### CRESS

The Cresses furnish warm pungent flavor to salads and are useful for garnishings.

**Garden Cress, Curled or Peppergrass.** 45 days. A very hardy, fast-growing annual producing an abundance of attractive, finely curled, dark green foliage of a pleasant pungent flavor which is splendid for garnishing. Pkt. 15c.; ½oz. 40c.; oz. 75c.

**Upland.** 45 days. Sow thickly in early spring, in drills 1 foot apart, and follow every two weeks, up to August 1, with a new sowing. It is prepared with either a little salt and vinegar, or without. Makes a very tasty salad. Pkt. 15c.; ½oz. 35c.; oz. 55c.

**Water-Cress, True Erfurt.** This may be sown early in spring near the brink of a pond of spring water or stream of running water. Scatter the seed and it will sprout and grow rapidly; once established, it remains for years, reseeding itself. Cannot supply.

### DILL

An herb used extensively for culinary purposes and for putting with cucumbers when pickling. Grows 2½ feet high. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

### FENNEL

**Finocchio or Florence.** Herb. Pkt. 15c.; ½oz. 35c.; oz. 50c.; ¼lb. \$1.25.

**Sweet.** Herb. Pkt. 15c.; ½oz. 35c.; oz. 50c.; ¼lb. \$1.25.

### HERBS

For list and descriptions, see pages 15, 74, 75

Plant when the ground has become thoroughly warmed, in hills 4 feet each way, 8 seeds in a hill. When the second set of leaves has formed, thin out to 4 plants in a hill. A type of beetle attacks this crop occasionally, which can be conquered by spraying the vines with Arsenate of Lead; when this is used, always wash the fruits thoroughly before using. If the foliage is attacked beneath by aphid or green fly, a spraying with Black Leaf 40 is usually very effective.



## MICHELL'S CUCUMBERS

CONCOMBRE (Fr.) GURKEN (Ger.) CETRIOLO (Ital.)

One ounce will sow 60 hills; 2 to 3 pounds, an acre



Early Market Cucumber

### MICHELL'S CELEBRITY

66 days

Originated by Mr. William E. Vail,  
Yorktown Heights, N. Y.

This beautiful Cucumber is the result of many years of painstaking effort on the part of Mr. Vail, who has been specializing in the growing of Cucumbers for over a quarter of a century. He believes that in this variety he has produced a Cucumber that no other can surpass in attractiveness and uniformity. The fruit will average 9 x 2½ inches, is slightly tapered at the ends and of an unfading deep green color. Flesh is pure white, crisp and entirely free from bitterness. The vines are vigorous, extremely prolific and highly resistant to disease. Pkg. only 25c.

**Cubit.** 64 days. Bronze Medal, 1944 All-America Selections. A prolific, white-spined variety, dark green color, long, cylindrical shape. Small seed cavity; admirably adapted for slicing. Pkt. 15c.; ½oz. 45c.; oz. 95c.

**A. & C. CUKE.** 67 days. A proved leader for both home-garden and market-garden use. Fruits nearly cylindrical, 2¾ inches in diameter, 9 to 11 inches in length. Seed cavity exceptionally small. Very good slicer. Pkt. 10c.; oz. 35c.; ¼lb. \$1.05.

**Arlington White Spine.** 62 days. This is the leading sort for the home- or market-garden. Fruits smooth, deep green, uniformly 8 inches in length. Valuable for slicing or pickling. Pkt. 10c.; oz. 25c.; ¼lb. 85c.

**Colorado.** 68 days. Long; green. Popular because of excellent shape and good color. Unusually productive and highly resistant to disease. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

**Crystal Apple.** 65 days. An amazingly attractive Cucumber, perfectly round, crystal-white at all stages, with a sweetness and lack of Cucumber flavor that is remarkable. Produces a tremendous number of fruit about the size of a lemon when mature. Pkt. 20c.; ½oz. 50c.; oz. 95c.

**Davis Perfect.** 65 days. Fruits uniform in shape and size, often measuring 10 to 12 inches in length, dark green all over, quite smooth. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

**Early Fortune.** 64 days. One of the finest Cucumbers of the White Spine type. The medium length, dark green fruits hold their color for a long time after pickling; flesh white, very crisp. Pkt. 10c.; oz. 25c.; ¼lb. 85c.

**Early Market.** 60 days. A new dark green variety of uniform shape and size, averaging 8 inches in length. Excellent for slicing. Pkt. 10c.; oz. 25c.; ¼lb. 85c.

**Gherkin or Burr.** For pickling only. The small fruits are about 2 inches long, of thick, rounded form, very prickly when green. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

**Improved Long Green.** 67 days. Well-known standard variety. Its dark color makes it desirable for market. The vines are vigorous and productive. Fruits average 1 foot in length. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**Lemon.** 65 days. A very prolific variety producing an abundance of deep lemon-yellow fruit, 3½ inches long and almost as thick. Pkt. 20c.; ½oz. 50c.; oz. 95c.

**Marketer.** 65 days. A fine new slender variety. Vines are vigorous and prolific. Fruits are 8 inches long and 2½ inches in diameter. Very dark green, slightly tapered to each end. Notably uniform and trim in appearance. Pkt. 15c.; oz. 50c.; ¼oz. \$1.50.

**Michell's Forcer.** 72 days. Extra long, dark green, fine quality. Handled properly will average 2½ inches in diameter and 15 inches in length. Suitable for both greenhouse forcing and outdoor culture. Pkt. 15c.; oz. 50c.; ¼lb. \$1.65.

**Straight 8.** 64 days. Fine dark green color, free of white tips. Grows 8 inches long by about 1½ inches thick and is of remarkably uniform straight shape. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**Michell's Climbing.** 66 days. A trellis variety used for shade as well as eating purposes. The vine is very ornamental and produces extra-long, light green fruits in abundance. Pkt. 10c.; oz. 25c.; ¼lb. 85c.

**National Association Pickling.** 56 days. A highly desirable, very extensively used pickling strain. Fruits dark green, symmetrical, with thick walls, full ended. Pkt. 10c.; oz. 25c.; ¼lb. 85c.

## DANDELION

PISSENLIT (Fr.) LOEWENZAHN (Ger.)  
DENTE DE LEONE (Ital.)

Seed should be sown in spring, in a bed where the plants should remain for the season; late in the fall, cover the bed with a movable sash or leaves or salt hay for protection.

**Italian (Cichoria Catalogna).** A new introduction in this country and in great demand as greens. The main stalk produces leaves resembling the broad-leaved variety, but much greater in length. It is cut and bunched same as asparagus. Pkt. 15c.; ½oz. 45c.; oz. 85c.

**Arlington Thick-leaved (French Broad-leaved).** Also known as Improved Thick-leaved. The most popular variety. Plant rather upright, forming a 20-inch rosette of large, broad leaves which are thick and easily blanched. Pkt. 15c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

## GARLIC SETS

AIL (Fr.) KNOBLAUCH (Ger.) AGLIO (Ital.)

One pound will sow 200 feet of row.

A hardy flavoring Onion used extensively in the French method of cooking. Lb. 75c.

## ENDIVE . CHICORY

CHICOREE (Fr.) ENDIVIEN (Ger.)  
INDIVIA (Ital.)

One ounce will sow 200 feet of row

Sow from June to August, in shallow drills; when 2 inches high, thin out to 10 inches apart. When well developed, tie the plants together at the top, to blanch the inner leaves; do not tie up when the leaves are wet. If the plants are protected they may be left outdoors till Christmas. If wanted for later use they may be lifted late in autumn and placed in a dry, cool cellar, covering the roots with soil.

**Full-Heart Batavian (Escarolle).** 71 days. Leaves broad, light green, nearly plain. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

**Improved Green Curled.** 73 days. An improvement over the common green variety, producing a larger head and thicker leaves. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**White Curled (Self-blanching).** 73 days. This is the finest White Curled variety; always crisp and tender. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

## EGGPLANT

AUBERGINE (Fr.) EIERPFLANZE (Ger.)  
PETONCIANO (Ital.)

One ounce will produce 2000 plants

Sow seed in March in hotbeds, and when 3 inches high transplant into boxes or small pots. Plant outdoors in May or June or after the weather has become permanently warm, in rows 3 feet apart, with the plants set 2 feet apart in the row.

**Black Beauty.** 80 days. An extra-early, large, almost black variety with few seeds. Very prolific. Pkt. 10c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.00.

**Early Long Purple.** 78 days. An early variety producing slender, dark purple fruit, 7 to 8 inches long and 2½ inches in diameter. Ideal for slicing. Pkt. 15c.; ½oz. 50c.; oz. 95c.

**Florida High-bush.** 85 days. A prolific high-bush type, bearing its dark purple fruits well above the ground. Has proved a good shipper. Gaining in popularity. Pkt. 10c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.00.

**Fort Myers Market.** 85 days. The plants are of the high-bush type, carrying fruit well off the ground. Quite resistant to disease. Fruit is intense purple-black, long and oval, with no neck at stem end. Excellent type for use in the Southeast. Pkt. 10c.; ½oz. 60c.; oz. \$1.10; ¼lb. \$3.25.

**New Hampshire Hybrid.** 68 days. A very early, highly productive variety. Fruit medium sized, blocky, pear-shaped, dark purple color. Plant is rather dwarf and upright; well adapted to sections where season is short. Pkt. 15c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.00.

**New York Improved.** 83 days. An old standard sort that is quite large and more elongated than Black Beauty, with a rich purple color. Pkt. 10c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.00.

## HORSERADISH ROOTS

Ready in March

Set the roots in rows 2½ feet apart, 1½ feet apart in the row. Late in the fall lift as many roots as you think you will use, cut off the top, and place in a cool cellar, covered with soil or sand.

**Maliner Kren.** A quick-growing variety far superior to the common sorts. Large cuttings. 6 roots 50c.; 12 roots 75c.; 50 roots \$2.00; 100 roots \$3.75.



## KALE . BORECOLE

CHOU VERT (Fr.) BLATTERKOHL (Ger.)  
CAVOLO VERDE (Ital.)

One ounce will sow 150 feet of row

For early use it may be sown in May; when desired for winter use, sow in September, broadcast or in rows 2 feet apart. Cover for protection against severe freezing and snow. Do not handle while in a frozen condition.

**Dwarf Blue Scotch.** 55 days. A hardy strain with finely curled foliage having a distinct blue tinge. Pkt. 15c.; oz. 40c.; ¼lb. \$1.10.

**Dwarf Green Curled.** 55 days. Very dwarf and compact, rarely attaining a height of over 6 inches. Dark green; very curly. Pkt. 15c.; oz. 40c.; ¼lb. \$1.10.

**Imperial Long-Standing.** 65 days. The outer edges of the leaves are very crimp, inside smooth, dark green, with bluish cast. Hardy and productive. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**Siberian.** 65 days. A very hardy variety with large leaves that cook very tender. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

## KOHLRABI

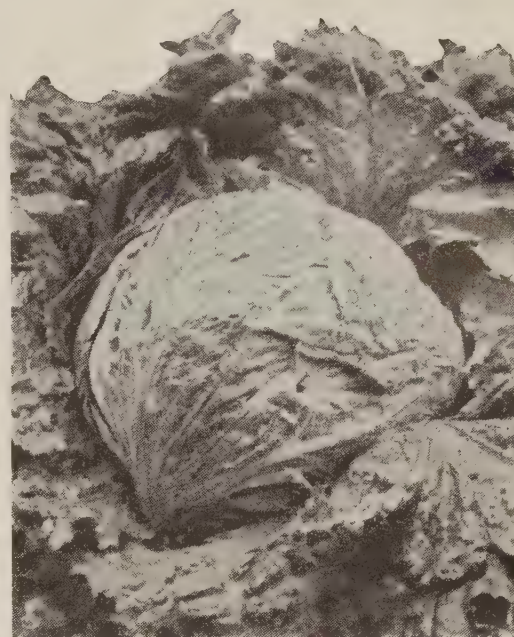
CHOU RAVE (Fr.) KOHLRABI (Ger.)  
CAVOLO RAPA (Ital.)

One ounce will sow about 200 feet of row;  
3 pounds, an acre

Sow seed in early spring, in hotbeds or outdoors, and transplant when 3 inches high, in rows 1½ feet apart, 6 inches apart in the row. The edible part is the root, which should be used when it attains a size of 2½ inches in diameter or less, when it is extremely tender.

**Purple Vienna.** 62 days. Flesh white; skin a bluish color. Used for outdoor sowing. Pkt. 15c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

**Early White Vienna.** This variety is suited for sowing under glass or outdoors. The top is very short, thus allowing all the development to go to the root, insuring early maturity. Pkt. 15c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.



Imperial No. 44 Lettuce

## LETTUCE

LAITUE (Fr.) LATTICH SALAT (Ger.)  
LATTUGA (Ital.)

One ounce will produce about 2500 plants

Lettuce, crisp and appetizing, is the backbone of salads. Salad bowls are increasingly popular. You will find the luscious mixed green salads adorning many tables. Packed with vitamins, Lettuce is indispensable in the garden.

### Heading Varieties

For the first outdoor crop, seed is usually sown in hotbeds in February or March and transplanted to the garden in April in rows 1½ feet apart, 8 to 12 inches apart in the row. For a succession, sow in drills in the open ground at intervals of two to three weeks and thin out to 8 inches apart. For plants to force in hotbeds from November until spring, sow seeds in hotbeds in the fall. Where it is difficult to have the heading varieties develop properly on account of soil condition, we recommend using loose-leaf varieties.

**Bibb.** 60 days. A distinct variety with a crispness and flavor of its own. The heads are medium sized, the outer leaves deep glossy green, and the interior bleaches to a rich yellowish waxy green. Pkt. 15c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.50.

**Great Lakes.** 82 days. Bronze Medal, 1944 All-America Selections. A decidedly crisp heading Lettuce of the Imperial type. It is of excellent quality and exceedingly sweet and tender. A superior summer Lettuce that stands heat and sun and is exceptionally resistant to tip-burn injury. Very slow to shoot to seed. It does equally well in cool weather. Pkt. 15c.; ½oz. 40c.; oz. 75c.

**All Heart.** 71 days. An excellent Lettuce for spring or summer use. The head has a heart of a decided buttery flavor. Can be used for sowing in frames. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

**Big Boston.** 75 days. A large, flat, cabbage-headed variety, excellent for midsummer or fall use, or under glass in early spring and autumn. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

**Boston Market** (White-seeded Tennisball). 73 days. Early, small-heading variety. One of the best for forcing. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

**Cosberg.** 76 days. A variety with ability to head in summer weather and resist tip-burn. Heads small and compact; outer leaves light yellowish green, crumpled and frilled. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

**Iceberg.** 84 days. A fine variety, producing large, solid, cabbage-like heads, firm, crisp, and of fine flavor. Leaves curly, slightly tinged red. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

**Imperial No. 44.** 82 days. This variety has very long, well-folded leaves and produces hard, well-formed heads appreciably less susceptible to tip-burn than other varieties. Pkt. 10c.; oz. 40c.; ¼lb. \$1.20.

**Imperial No. 847.** 84 days. A brown-blight-resistant variety for summer planting. Heads are medium large, hard, fine and well covered by the leaves. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

**Improved Hanson.** 80 days. Tremendous, solid heads with outer leaves curled and interior almost white and very tender. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

**May King.** 63 days. The first solid head Lettuce to mature outdoors. It is of good size, with tender, full heart. Suitable for sowing under sash in early spring. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

**Michell's No. 1.** 70 days. A good variety for summer use as it resists the hot sun better than most sorts. Heads unusually large, tender, and of a delicious buttery flavor. Pkt. 15c.; oz. 40c.; ¼lb. \$1.25.

**Mignonette.** 65 days. Splendid for the home-garden, being of excellent quality, crisp and sweet. Medium small in size, compact and hard heading. Very dull dark green in color, dark brown at edge of leaf with well-blanching creamy yellow heart. Pkt. 15c.; oz. 30c.; ¼lb. 90c.

**New York or Wonderful No. 12.** 80 days. This is a leader of the cabbage-headed sorts. Heads large, dark green, with white interior and curled outer leaves. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

**Oak Leaf.** 45 days. A beautiful golden green Lettuce of fine form and valuable because remarkably slow to shoot to seed. Makes attractive loose-leaf heads during the hottest summer weather; no other variety grows so well at that time of the year. The leaves are broad, deeply lobed like an oak leaf, thick, succulent and tender. Pkt. 15c.; ½oz. 35c.; oz. 65c.; ¼lb. \$1.95.

**Salamander or Black-Seeded Tennis Ball.** 65 days. Forms a large, light green, compact head with a white heart. Very tender, crisp, and extremely slow to run to seed. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

**White Big Boston.** 72 days. A heading variety which resembles Big Boston in size, solidity and general appearance, but it lacks the brown edge. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

### Loose-Leaf or Cutting Varieties

For early or midsummer use, seed should be sown very thickly. When pulling the young plants, try to do so carefully, with an effort to thin out the bed, thus allowing the remaining plants to become large.

**Black-seeded Simpson.** 46 days. Ideal for midsummer use. When matured, presents a loose head with finely fringed leaves. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

**Early Curled Silesian.** 45 days. This variety should be cut instead of pulled, as it makes new growth from the same root. Leaves light green. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

**Early Curled Simpson.** 45 days. An excellent, curly-leaved sort; loose heads and very tender. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

**Grand Rapids.** 43 days. The leading variety in this class for forcing under glass, but may also be grown successfully outdoors. Leaves are very curly, crisp and brittle. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

### Chicken Lettuce

An excellent green for poultry or rabbits. Grows 18 to 20 inches high. Ready for cutting 40 to 45 days after sowing. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. \$2.10.

### Romaine · Cos Lettuce

This type, of French origin, differs greatly from the American varieties in its peculiar, upright growth. To produce tender heads, the outer leaves must be tied together at the top so that the inner ones blanch. Best adapted to outdoor planting and stands the heat well.

**Dark Green Cos.** 66 days. Similar to the White Cos but darker green leaves. Inner leaves bleach a creamy to golden yellow with endive-like flavor. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

**Paris White Cos.** 66 days. White seed. Strong grower and very productive, with long, medium green leaves of most excellent quality. A self-folder, but when plant is half grown it is best to tie it up so that the inner leaves may be blanched white. Head 8 to 9 inches high. Pkt. 10c.; oz. 30c.; ¼lb. 85c.



## LEEK

POIREAU (Fr.) LAUCH (Ger.)  
PORRO (Ital.)

One ounce will sow about 100 feet of row

Allied to the onion family, but producing no bulb. Sow seed in April, in rows 1 foot apart, covering the seed about an inch; when about 4 inches high, transplant where they are to grow, in rich soil in rows 1½ feet apart, 6 inches apart in the row.

**American Flag.** 142 days. Popular for the home-garden. Makes a longer but narrower stalk than others. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.50.

**Giant Carentan.** 150 days. Produces colossal stalks of tender quality. Excellent for exhibition purposes. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.50.

## LAVENDER

Herb whose fragrant dried flowers are used in sachets. Pkt. 25c.; ¼oz. 60c.; ½oz. \$1.00; oz. \$1.75.

## MINT

Herb used for flavoring. Plants only. See pages 74 and 75.

## MUSKMELON

MELON MUSCADE (Fr.) MELONE (Ger.)  
POPONE MELONE (Ital.)

While these do best in a light, sandy loam, any good, well-prepared garden soil suits them. Plant when the ground has become permanently warm, in hills 6 feet apart each way, 8 to 10 seeds in a hill. After the second tier of leaves has formed, thin out to 4 plants in a hill. Watch carefully for insects of various kinds, especially the melon louse that works under the leaf and shrivels it, causing the plant to die. To fight this successfully, raise up the vines and spray underneath with Arsenate of Lead or some of the various Nikoteen preparations.

**Emerald Gem.** 85 days. Flat; sweet, rich salmon flesh that ripens close to the rind. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

**Fordhook.** 88 days. Flat; flesh salmon-orange, very sweet. Fruits large, often weighing 2 pounds each. Early and very prolific. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

**Hale's Best.** 82 days. Heavily netted fruits with salmon-color flesh; oval form; fine quality. Excellent for long-distance shipping. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

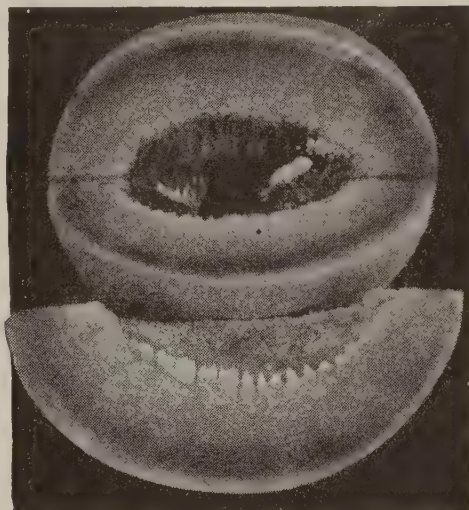
**Hearts of Gold.** 90 days. Midseason. Round fruit, distinctly ribbed; thick, deep salmon flesh of excellent flavor and can be eaten close to the rind. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

**Honey Dew.** 112 days. Matures late. Fruits large—6 inches in diameter and 7 to 8 inches long—with smooth, creamy white skin with occasional netting. Thick, emerald-green flesh, melting, and of delicious flavor. Ripe melons can be kept for several weeks before using. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

**Honey Rock.** 81 days. Medium size, round as a ball, and with a coarse netting. Flesh thick and of a deep orange color. Ripens early and has proved to be very productive. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

**Mitchell's Delicious.** 83 days. Large fruits often weigh 8 pounds. Flesh is deep orange-salmon, of fine quality. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

**Pride of Wisconsin.** 90 days. A new introduction with considerable merit. The rind is a gray color, with a distinct netting. Flesh is unusually thick and of very good flavor. Carries well in shipping. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.



Honey Dew Melon

## MUSKMELON, continued

**New Surprise.** 90 days. A large variety, often weighing 8 to 9 pounds, oval in shape, with prominent ribs. The green skin (slightly netted) turns to cream color as it ripens. Flesh bright salmon, thick and sweet. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

**Rocky Ford.** 92 days. Medium-early variety. Fruit oval, covered with a fine netting; flesh green, very sweet, highly flavored. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

## MANGEL-WURZEL

See page 4.

## WATERMELON

MELON D'EAU (Fr.) WASSER MELONE (Ger.)  
MELONE D'AQUA (Ital.)

One ounce will sow 30 hills; 4 pounds, an acre

Plant in hills 8 to 10 feet apart each way, 8 to 10 seeds in each hill, covering ½ inch deep. When well established, thin out to three or four of the strongest plants to each hill. Watermelons should not be planted until after the soil has become thoroughly warm. We offer the varieties which we know are the better ones.

**Dixie Queen.** 85 days. A splendid melon with thin, tough rind, light green in color with dark green stripes. Flesh is fine-grained, tender and lusciously flavored, rich scarlet. Average weight 30 pounds. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**Golden Honey.** A truly fine yellow-fleshed variety. Oblong in shape, averaging about 20 pounds in weight. Rind is dark green, with irregular stripes of darker green. Flesh amber-yellow, tender and delightfully flavored. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**Halbert Honey.** 82 days. The long fruits with blunt ends are very large, often weighing 50 pounds. Rind is thin, dark green; flesh rich crimson and sweet. It is altogether a first-rater. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**Harris' Earliest.** 75 days. Ripens early and on this account is one of the best for the northern states. Fruit oblong, marbled light and dark green; flesh bright red and of good quality. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**Kleckley Sweets.** 85 days. Has a luscious tenderness all its own. Not a shipping variety, as the rind is too close to the ripe, fluffy, rich red meat, when in condition to use. The melons average about 20 inches long and ripen quite early. Pkt. 10c.; oz. 25c.; ¼lb. 80c.

## WATERMELON, continued

**Stone Mountain.** 80 days. A good market- and home-garden variety. Round, slightly elongated, with light green skin and sweet flesh. Average weight 40 to 50 pounds. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**Tom Watson.** 95 days. A handsome, large fruit, frequently 2 feet long and 1 foot in diameter, dark green rind and bright scarlet flesh of excellent texture and flavor. Nothing can touch it for shipping qualities. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**WATERMELON SEEDS.** For medicinal purposes. ¼lb. 60c.; ½lb. 85c.; lb. \$1.50.

## Preserving Melon • Citron

**California Red-seeded.** 85 days. A large-fruited variety with pure white flesh and thin rind. It is planted like watermelon. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

## MUSTARD

One ounce will sow 75 feet of row

Makes a delicious green salad, pungent in taste, highly palatable, and healthful. Sow every two weeks in rows the same as spinach. Fine winter greens if sown in a heated frame or greenhouse, also fine if served with lettuce for flavoring. If the plant is allowed to stand, the seed can be harvested and used for other culinary purposes.

**Fordhook Fancy.** 65 days. Produces a large crop of leaves resembling an ostrich plume, which are of mild flavor. Pkt. 10c.; oz. 25c.; ¼lb. 65c.

**Southern Giant Curled.** 65 days. The best of the curled Mustards. Sweet flavor; matures very early and produces abundant foliage. Pkt. 10c.; oz. 25c.; ¼lb. 65c.

**Tendergreen or Spinach Mustard.** 40 days. A mild-flavored, dark green, smooth-leaved type. Foliage is prepared for the table the same as spinach or turnip greens. The leaves can be cut throughout the entire growing season. Resistant to heat and drought. Pkt. 10c.; oz. 25c.; ¼lb. 65c.

## OKRA or GUMBO

GOMBAUD (Fr.) OCHER (Ger.)  
OCRA (Ital.)

One ounce will sow about a 100-foot row

Sow seed thickly after frost and cold have disappeared, in rows 3 feet apart; when about 6 inches high, plants should be thinned out to stand 1 foot apart in the row. The pod is used when young and tender, sliced in soups and stews; what is not utilized during the summer may be harvested, cut in slices, dried in the sun, and used during the winter.

**Perkins Mammoth Long Pod.** 64 days. A leading home-garden and canning variety about 4 feet in height and literally covered with pods 6 to 7 inches long, dark green, tapered, fleshy and heavily ribbed and of excellent quality. Pkt. 10c.; oz. 20c.; ¼lb. 50c.

**Clemson Spineless.** 55 days. Silver Medal, All-America Selections. A uniform spineless strain of the Perkins long-podded type. Good quality, pods 8 to 9 inches long. Plants 4 to 5 feet tall. Pkt. 10c.; oz. 20c.; ¼lb. 50c.

**Dwarf Long Green-podded.** 51 days. Fine quality pods, somewhat smaller than the Clemson Spineless. Plants much smaller. Popular market- and home-garden variety. Pkt. 10c.; oz. 20c.; ¼lb. 50c.

**White Velvet or Creole.** 60 days. Pods are very free from ridges, almost perfectly smooth, tender; light green, almost white. Pkt. 10c.; oz. 20c.; ¼lb. 45c.



# Plant enough Onions to supply your family's needs

## MICHELL'S PURE CULTURE MUSHROOM SPAWN

This Spawn is made in quart milk bottles under absolutely sterile conditions, so that every mould, weed seed, or insect is destroyed and each bottle contains nothing but pure Spawn. One carton equals 5 bricks of ordinary Spawn and is sufficient to spawn about 40 square feet. The Spawn is dried thoroughly and wrapped in paper, with full directions how to grow mushrooms, and packed in cartons. Carton \$1.25; 10 cartons \$12.00.

## Pure Culture Brick Spawn

One brick will spawn 8 to 10 square feet  
Ask for our Free Leaflet on Mushroom Culture  
**Pure White.** Brick 40c.; 5 bricks \$1.75; 10 bricks \$3.25; 25 bricks \$7.50.

## Mushroom or Hotbed Thermometers

**No. 20450.** Iron point; oxidized finish. Price, \$4.00.

Thermometers should, wherever possible, be sent by Express. We do not guarantee safe arrival if forwarded by Parcel Post.

## GARDEN BOOK

By Vernon Hayes Davis. 241 pages. \$1.25.

## MICHELL'S SELECT ONION SEED

*Onions are essential in your garden*

OIGNON (Fr.) ZWIEBEL (Ger.) CIPOLLA (Ital.)

For full-size Onions, one ounce will sow a 100-foot row; 5 to 6 pounds, an acre. If it is desired to grow Onion Sets, sow 40 to 50 pounds per acre.

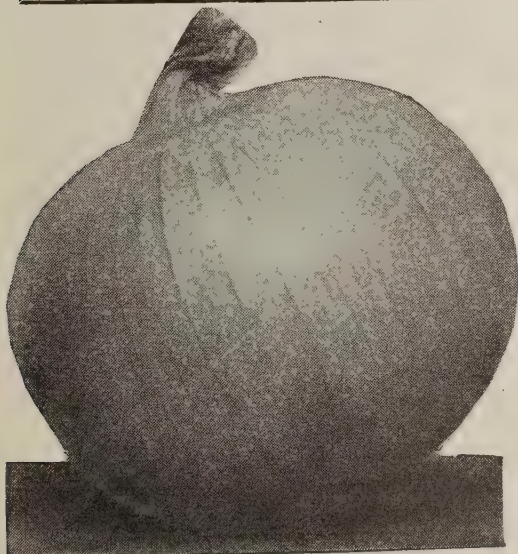
Sow in the early spring, in rows 2 feet or less apart, according to cultivation method employed. Seed should be firmed in the soil. If it is desired to grow full-size Onions the first year, thin out when 3 inches high, so that they stand about 3 to 4 inches apart. White Onions are mildest in flavor and are recommended for early use. The yellow sorts are best for winter keeping.

**Bermuda White.** 93 days. Light yellow or straw-color. It is early, and if transplanted about 4 inches apart, will produce immense, flat bulbs. In the raw state it is very mild, and when cooked the flesh is tender and of a delicious flavor. Pkt. 15c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.20.

**Early Yellow Globe.** 98 days. It matures ten days to two weeks earlier than Southport Yellow Globe. The bulbs are of good size, globe to flattened globe in shape and straw-yellow in color. Skin is tough and the bulb is a better keeper than most other early varieties. Where quick-maturing early Onions are wanted, this variety should be tried. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$3.00.

**Ebenezer.** 100 days. Excellent Onion for winter storage. Popular for growing sets. Yellow outer skin, white, mild flesh. Bulbs are large, somewhat flattened. Pkt. 15c.; ½oz. 35c.; oz. 65c.; ¼lb. \$2.10.

**Prizetaker.** 105 days. If sown thinly produces full-sized Onions in one season from seed, rivaling the Bermuda varieties for size and flavor, often weighing 3 pounds or more each. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.25.



Early Yellow Globe Onion

**Southport Red Globe.** 110 days. Medium to large, average early; smooth, deep purplish red skin; flesh mild, fine-grained, and tender. Excellent keeper. Pkt. 10c.; ½oz. 35c.; oz. 65c.; ¼lb. \$1.95.

**Southport White Globe.** 110 days. A round Onion, growing to an enormous size. The flesh, when cooked, is a rich milky color, tender, and of delicious flavor. In the raw state it is very mild. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$3.00.

**Southport Yellow Globe.** 115 days. Similar to the Danvers Yellow Globe, except that it is larger. A uniform-growing variety, every bulb being almost perfectly round and of the same size. Light straw-colored skin. Pkt. 10c.; ½oz. 35c.; oz. 65c.; ¼lb. \$2.10.

**Sweet Spanish.** *Riverside Strain.* 110 days. Large, globe-shaped, sweet variety, with golden yellow skin. An excellent keeper. Pkt. 15c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.20.

**White Bunching.** 60 days. An extra-fine variety for early spring and summer use. Seed sown early in the spring will produce long green scallions which blanch white and remain tender for a long time. They do not form a bulb on the bottom. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.55.

**White Portugal or Silver Skin.** 100 days. The standard white Onion for market or home use. Mild-flavored, semi-globe-shaped Onion, very uniform in growth and size. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.55.

**Yellow Globe Danvers.** 110 days. This almost round Onion is extensively sown by private and market gardeners on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to a large size. Pkt. 10c.; ½oz. 35c.; oz. 65c.; ¼lb. \$2.25.

## ONION SETS

One quart will plant about 50 feet of row  
*Shipped on local orders after March 15*

**Yellow.** Lb. 45c. **White.** Lb. 50c.

We give 32 pounds per bushel on Onion Sets, except Egyptian Tree Top which is 28 pounds per bushel.

## MULTIPLIER ONIONS

**Shallots.** Lb. 75c. **Garlic.** Lb. 75c.

**Yellow Multiplier.** Lb. 75c.

**Yellow Potato.** Lb. 75c.

**Egyptian Tree Top.** Ready September 10. Lb. 35c.



Champion Moss Curled Parsley

## PARSLEY

PERSIL (Fr.) PETERSILIE (Ger.)  
PREZZEMOLO (Ital.)

One ounce will sow 100 feet of row

Soak the seed for a few hours in warm water, then sow in rows 1½ feet apart; when 2 inches high thin out so the plants will stand 4 inches apart in the row. Ordinarily, it takes Parsley seed from 3 to 6 weeks to germinate, so that a little patience in growing this is necessary.

**Champion Moss Curled.** 70 days. The dark green, attractive, curled leaves and long stems make this variety suitable for bunching. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

**Double Curled or Covent Garden.** 70 days. Nicely curled leaves of a deep green color make this an elegant variety for garnishing steaks and salads. Dwarf in habit. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

**Hamburg or Rooted.** 90 days. The fleshy roots are used for flavoring soups, stews, etc. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

**Plain or Single.** 72 days. Leaves not curled. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

**Peerless.** 84 days. A fine selection of the Moss Curled type. This strain is hardy and remains deep green when other varieties have turned yellow. Right length for bunching. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

## PARSNIP

PANAIS (Fr.) PASTINAKE (Ger.)  
PASTINACA (Ital.)

One ounce will sow 150 feet of row;  
5 pounds, an acre

Sow early in spring, in drills about 2 feet apart, covering the seed lightly. When plants are 2 to 3 inches high, thin out so the roots will develop. Cultivate well.

**Improved Sugar or Hollow Crown.** 95 days. Roots clear white, clean, well filled and with small core, of fine texture and free from stringiness. The shape is intermediate, shoulders wide with a deep crown. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

## PEANUTS

ARACHIDE (Fr.) ERDNUSS (Ger.)  
CECE DE TERRA (Ital.)

One bushel nuts unshelled will plant an acre, but shell must be removed beforehand

Peanuts can be grown in almost any well-drained garden soil, and should yield a big crop. The Peanut plant rather enriches the soil instead of impoverishing it, as it is an abundant gatherer of free nitrogen.

**Selected Virginia.** 145 days. ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25; 10 lbs. \$4.00.



## GARDEN PEAS

POIS (Fr.) ERBSEN (Ger.) PISELLO (Ital.)

Two pounds will sow 100 feet of row; 90 to 120 pounds, an acre

The smooth-seeded varieties may be sown as soon as the ground can be worked; the wrinkled sorts when the ground has become warm. Sow in single or double rows, 2 to 4 feet apart, according to the variety. To have a continuous crop, sow weekly up to May 15, then discontinue until August 1, when the early varieties may be sown for a fall crop.

Prices quoted on Peas are prepaid in quantities up to 5 pounds, to the First and Second Zones; for other Zones, see Parcel Post table on page 1, Larger quantities at purchaser's expense.

### Extra-Early Varieties

**Alaska.** 56 days. 2½ ft. Smooth-seeded. Very early. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

**Blue Bantam.** 62 days. 1½ ft. One of the best dwarf large-podded wrinkled Peas. Blue-green pods more than 4 inches long. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

**Early June.** 55 days. 2½ ft. A green-seeded, smooth Pea, desirable for first planting. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

**Early Bird or Laxton's Superb.** 60 days. The earliest large-podded, dwarf sort. Vines about 18 inches high, foliage light green. Produces an abundance of attractive pods about 4 inches in length, containing 9 to 10 Peas. Very tender and of excellent flavor. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Early Eight Weeks.** 50 days. Wrinkled variety, growing 30 inches high and commencing to bear 6½ weeks after planting. A heavy cropper and especially desirable where room is scarce. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Gradus or Prosperity.** 60 days. 3 ft. A popular and very early sort producing gigantic pods and Peas. Exceedingly luscious; wrinkled. An excellent freezing variety. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

**Laxtonian.** 63 days. 1½ ft. An extra-fine, early, dwarf sort with large pods well filled with Peas of extra-fine quality. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

**Laxton's Progress.** 62 days. 1½ ft. Earlier than Laxtonian. Long pods filled with 8 or 9 large Peas of excellent flavor. Highly recommended for freezing preservation. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

**Little Marvel.** 64 days. Dwarf, 18 to 20 inches. Sweet, wrinkled Peas. Prolific. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

**Nott's Excelsior.** 62 days. 15 in. A fine early wrinkled Pea, producing heavy crops of full pods. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

**Special Extra Early.** 56 days. 2 ft. The peer of the smooth-seeded sorts. Extremely early, lusciously sweet and tender. A grand yielder. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

**Thomas Laxton.** 62 days. 3 ft. Exceedingly early and heavy producer of large pods filled with big wrinkled Peas of excellent flavor. Its heavy cropping qualities make it suitable for an early crop in the private garden. Highly recommended for freezing preservation. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

**World's Record.** 58 days. First early of the wrinkled Peas. Vines grow 24 to 30 inches tall, bearing a profusion of pointed pods 4 inches long, with 7 to 9 Peas of exceptionally fine quality. Adapted for freezing. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

### General or Late-Crop Varieties

**Alderman.** 74 days. 5 ft. A giant-podded variety of the Telephone group. Vines dark green. Pods dark green, tapered, 4½ to 5½ inches long, ⅞ inch wide and contain 8 to 10 Peas. Recommended for home and market-gardens and shipping. An excellent freezing variety. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

**Champion of England.** 80 days. 5 ft. A very tall, rank grower, but a wonderful yielder of delicious quality, wrinkled Peas. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

**Dwarf Telephone.** 76 days. 18 in. One of the best medium-early sorts. Large pods filled with very sweet wrinkled Peas. Adapted for freezing. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

**Dwarf Champion.** 70 days. 2 ft. Possesses almost all the good qualities of the famous Champion of England, and has the further advantage of being dwarf. A very delicious Pea. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

**Giant Stride.** 74 days. One of the largest-podded varieties, 5 to 6 inches long, having 8 to 10 large Peas of excellent quality in each pod. The vine is semi-dwarf, 26 to 28 inches tall, with heavy stem. An excellent freezing variety. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

**Tall Telephone.** 75 days. 3½ ft. The finest late wrinkled Pea grown. Exceedingly sweet. An abundant producer. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.



Small Sugar Pumpkin

### Sugar or Edible-Podded Peas

Large, well-filled pods cooked with the Peas intact. Tender and exceedingly sweet.

**Dwarf Gray Sugar.** 65 days. 2 ft. Gray seed. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

**Tall Luscious Sugar.** 74 days. 4 ft. Gray seed. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

## MICHELL'S PUMPKINS

POTIRON (Fr.) KURBIS (Ger.)  
ZUCCA (Ital.)

One ounce will sow 25 to 50 hills;  
4 to 5 pounds, an acre

Plant any time after the ground has become permanently warm, about 4 seeds to the hill, the latter to be about 8 feet apart each way. Do not plant near other vine crops, as they may hybridize the latter and spoil the taste. Seed can be planted among corn after the last working.

**Connecticut Field.** 118 days. Almost round light yellow fruits produced in great abundance. Pkt. 10c.; oz. 25c.; ¼lb. 60c.

**Crookneck Pie.** 110 days. A crook-necked deep green variety with darker stripes which turn to a rich golden yellow. Fruit sets and matures early. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

**King of the Mammoths.** 120 days. Enormous in size. Orange-salmon skin; bright yellow flesh, fine-grained and of excellent quality for pies. Pkt. 10c.; oz. 35c.; ¼lb. 90c.

**Large Cheese.** 108 days. A large, flat-ribbed buff-yellow fruit with flesh of fine quality. An enormous producer, ideal for market, home-garden, and canning purposes. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

**Mammoth Cushaw or Golden Crookneck.** 112 days. Meaty variety suitable for pies or for stock-feeding purposes. Tender, golden yellow flesh. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

**Small Sugar.** 110 days. The true popular New England pie Pumpkin. Extremely high in sugar content. Small, round; deep orange; meaty, sweet and free from stringiness. Average weight 5 pounds. Pkt. 10c.; oz. 20c.; ¼lb. 60c.

**Tennessee Sweet Potato.** 110 days. An oblong, medium-sized fruit with a very light buff-yellow skin. It is delicious for pies, while for cooking for table use it is dry and tasty. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

**Winter Luxury.** 100 days. The skin is a russet-yellow, while the flesh is golden orange when ripe. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

**PUMPKIN SEED** for medicinal purposes. ½lb. 75c.; lb. \$1.25.



Early June Peas



## MICHELL'S PEPPERS

PIMENT (Fr.) PFEFFER (Ger.) PEPPERONE (Ital.)

One ounce will produce about 1200 plants

Sow the seed in a hotbed or window-box about March 1. Transplant to the open ground when all danger from frost is over, in rows 3 feet apart, 1½ feet apart in the row.

### Mild or Sweet Varieties

**California Wonder.** 72 days. A fine variety of great merit. The very large fruits often weigh 8 to 10 ounces each and are of glossy green color turning later to vivid red. Flesh thick and mild in taste. Pkt. 15c.; ½oz. 60c.; oz. \$1.10; ¼lb. \$3.25.

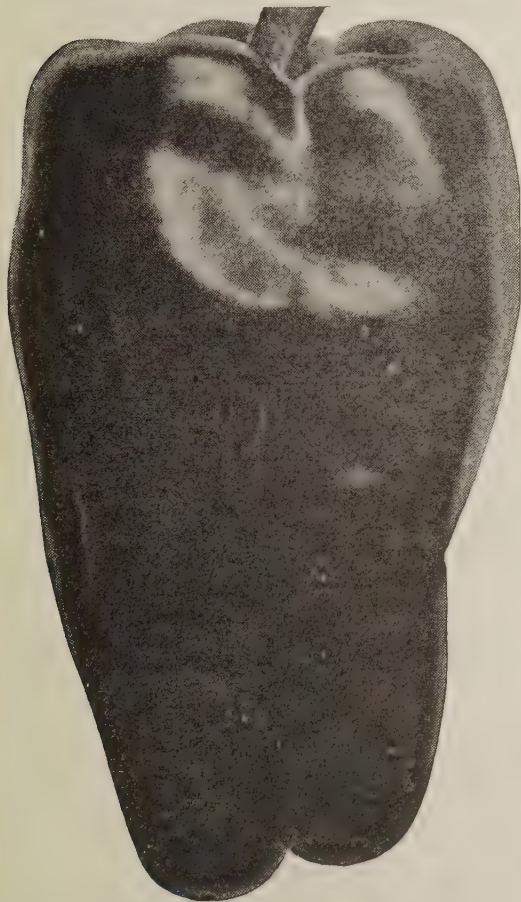
**Calwonder Early.** 68 days. Similar to the California Giant but maturing a week or ten days earlier. Plants are sturdy, vigorous and prolific, with attractive fruits. Thick, sweet, mild flesh, deep green changing to bright red. Pkt. 15c.; ½oz. 60c.; oz. \$1.10; ¼lb. \$3.25.

**Chinese Giant.** 80 days. Monster sweet Pepper with green fruit turning bright scarlet. Pkt. 15c.; ½oz. 60c.; oz. \$1.10; ¼lb. \$3.25.

**Harris' Early Giant.** 64 days. An excellent early variety of large size. Plants are upright and very prolific. Fruits are gently tapered, thick fleshed, and have a sweet, pleasant flavor. Pkt. 15c.; ½oz. 60c.; oz. \$1.10; ¼lb. \$3.25.

**King of the North.** 64 days. A large, handsome, early variety recommended for sections where seasons are short. Dark green, turning to a beautiful red. Flesh fairly thick and of mild flavor. Heavy producer. Pkt. 15c.; ½oz. 60c.; oz. \$1.10; ¼lb. \$3.25.

**Pimiento.** 73 days. Excellent, uniformly shaped, sweet green changing to red when ripe. Pkt. 15c.; ½oz. 50c.; oz. 80c.; ¼lb. \$2.50.



Ruby King Pepper

**Ruby King.** 68 days. Fruits 5 to 6 inches long and 3 inches in diameter, green, turning to red. Pkt. 15c.; ½oz. 50c.; oz. 80c.; ¼lb. \$2.50.

**Sunnybrook, Tomato or Squash.** 73 days. Upright grower, with small fruit shaped like a tomato and of mild flavor. Pkt. 15c.; ½oz. 55c.; oz. \$1.00; ¼lb. \$3.00.

**World Beater.** 70 days. One of the best large varieties. Fruits are mostly four-lobed, 5 inches long and 3½ inches across. Flesh very meaty and of mild flavor. Pkt. 15c.; ½oz. 50c.; oz. 80c.; ¼lb. \$2.50.

**World Beater No. 13.** 73 days. *New.*

Introduced by the New Jersey Agricultural Experiment Station. This Pepper is immune to the most destructive disease of Peppers—mosaic. A prolific bearer of large, heavy-fleshed, dark green fruits which turn a ruby-red when fully matured. Pkt. 15c.; ½oz. 70c.; oz. \$1.20; ¼lb. \$3.45.

**Bell or Bull Nose.** 64 days. One of the earliest varieties and very hardy. The sturdy plants produce great numbers of green fruits, turning later to vivid scarlet. Pkt. 15c.; ½oz. 50c.; oz. 75c.; ¼lb. \$2.50.

### Hot Varieties

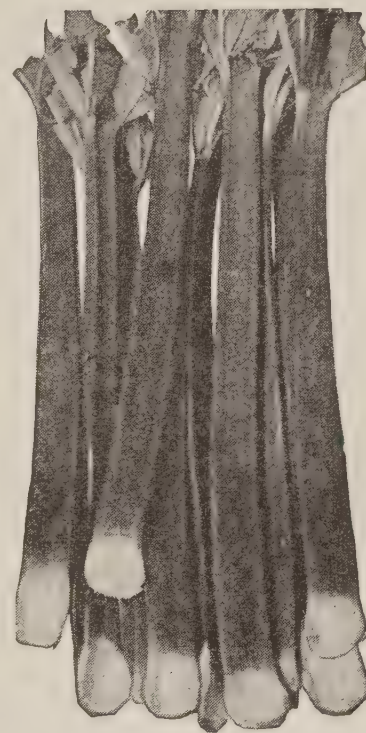
**Anaheim Chili.** 80 days. The fruit is 6 to 8 inches long and 1½ inches in diameter at the shoulder, tapering to point. Flesh is thick and mildly pungent, deep green turning to rich scarlet at maturity. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.75.

**Hungarian Wax.** 65 days. Fruits about 2½ inches in diameter and 4 to 5 inches long, golden yellow when young, turning later to scarlet. Very hot; used principally for pickling. Pkt. 15c.; ½oz. 60c.; oz. \$1.10; ¼lb. \$3.25.

**Large Red Cherry.** 82 days. A large hot variety, extensively used for canning whole; averages 1½ to 2 inches in diameter; shaped something like a flattened tomato. Pkt. 15c.; ½oz. 50c.; oz. 80c.; ¼lb. \$2.50.

**Long Red Cayenne.** 70 days. A long red variety; very hot and used principally for bunching with potherbs. Pkt. 15c.; ½oz. 50c.; oz. 80c.; ¼lb. \$2.50.

**Red Chili.** 80 days. The small narrow red pods are very hot; used for seasoning. Pkt. 15c.; ½oz. 50c.; oz. 80c.; ¼lb. \$2.50.



## RHUBARB

RHUBARBE (Fr.) RHABARBER (Ger.)  
RABARBARO (Ital.)

One ounce will sow 125-foot row

Seed should be sown early in the spring, in shallow drills 1 foot apart; thin out to stand 4 to 5 inches apart in the row. In the fall or following spring, the roots should be transplanted into permanent beds and placed 3 feet apart each way; the year following that or two years after sowing the seed, the Rhubarb may be used. Roots may be planted in the spring up to May 15.

**Victoria.** Immense long stalks of a cherry-red color. Pkt. 15c.; oz. 50c.; ¼lb. \$1.25.

### Rhubarb Roots

*Ready April 1 for spring planting*

**MacDonald.** A new variety of great merit. Fine for market or for home-gardens. 1 root 75c.; 6 roots \$4.00; 12 roots \$7.50.

**Victoria.** 1 root 40c.; 6 roots \$2.00; 12 roots \$3.50.

Clump, large field-grown, \$1.00 each; 6 for \$5.50.

## ROSEMARY

An herb that is used in seasoning and in the production of a volatile oil. Pkt. 25c.

## MICHELL'S CHOICE SEED POTATOES

POMME DE TERRE (Fr.) KARTOFFEL (Ger.) PATATA (Ital.)

Plant one peck for 100 feet of row  
Plant 12 to 14 bushels per acre

**TIME OF SHIPMENT.** Potato-shipping with us commences about March 15 (weather permitting), unless otherwise requested. We can ship at customer's risk any time during cold weather. Our Potatoes are put up in sacks of 2½ bushels each.

**Beats Them All (Michell's).** This famous variety has given the best results wherever tried, yielding more than any other early Potato. Oblong in shape; quality fine. Extremely early, coming in about 7 to 10 days earlier than Early Rose.

**Green Mountain.** An excellent general crop variety. White; roundish flat.

**Irish Cobbler.** An excellent sort, almost round in shape.

**Jersey Redskin.** Especially adapted for planting in light, sandy soil in late June and early July. Oval shape, medium size, and cook pure white.

**Katahdin.** A new late Potato that has consistently proved to be a heavy cropper and highly resistant to disease. The tubers are slightly oval, smooth with shallow eyes. Flesh white, dry and mealy. Excellent for winter storage.

**Russet.** An excellent late variety, claimed to be absolutely rust- and blight-proof. Oval or flat in shape; medium size.

*Prices on Seed Potatoes are established about March 1*



## MICHELL'S SELECT RADISH SEED

RADIS (Fr.) RADIES (Ger.) RAVANELLI (Ital.)

One ounce will sow 75 feet of row;  
8 to 10 pounds, an acre

Radishes should be sown in good rich ground, where they can make rapid growth, for then only do they produce the best results. Early sowings can be made as soon as frost is out of the ground. The winter Radishes are sown in July and are developed by autumn, at which time they may be taken up and stored in a cool cellar and covered with sand.

### Early Varieties

**Cavalier.** 23 days. A very fine greenhouse stock of Scarlet Globe type. Roots are deep globe shape, bright scarlet, thin taproot. Flesh firm and crisp, stays in eating condition longer than similar types. Top short but long enough for bunching. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Crimson Giant.** 28 days. Early, large, globe-shaped Radish with crisp, solid flesh that remains a long time without getting pithy. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Early Scarlet Globe.** 25 days. A special strain from transplanted roots. Uniform in shape, color, and size; short tops. One of the best. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Early Scarlet or Cardinal Globe.** 26 days. For outside sowing. The vivid scarlet color and oval shape are perfect. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**French Breakfast.** 25 days. Rapid grower. Oblong, mild and tender; scarlet, tipped with white. Good for open ground or forcing. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Icicle.** 27 days. An excellent white variety; grows  $3\frac{1}{2}$  to 4 inches long. Valuable for forcing and for open ground. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Long Scarlet Short-Top.** 27 days. A long, bright scarlet variety with small top. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**MicHELL's 25-day Scarlet Forcer.** *Special Forcing.* A popular variety for hotbed or greenhouse; also valuable for outdoor planting. Very early, crisp, and mild. Pkt. 10c.; oz. 45c.;  $\frac{1}{4}$ lb. \$1.25.

**Philadelphia White Box.** 28 days. A selection of the old White Box Radish. It has more perfect form, produces shorter tops, and does not have a tendency to grow long. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Round Red or Button.** 25 days. Extra early. Excellent for hotbed or garden culture. Flesh white, mild and tender. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Scarlet Turnip, White-tipped.** 26 days. Fine early scarlet variety with white tip. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

### Summer and Winter Varieties

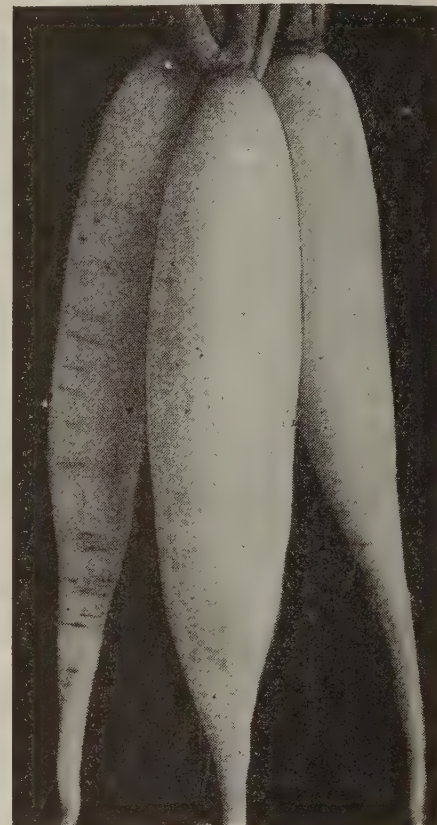
**Celestial or White Chinese.** 60 days. Large; pure white; excellent keeper. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**China Rose.** 52 days. One of the best for winter use. Half-long in shape with a scarlet, blunt tip; flesh firm. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Long Black Spanish.** 58 days. Large; skin black; flesh white, very firm. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Round Black Spanish.** 56 days. Large; thick black skin; pure white flesh. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**White Strasburg.** 43 days. Oblong; pure white, mild flavor. An excellent variety for summer use. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.



Icicle Radishes

**RUTABAGA.** See page 15.

### SAGE

Used in flavoring. Pkt. 25c.;  $\frac{1}{4}$ oz. \$1.25.

## SQUASH

COURGE (Fr.) KURBIS (Ger.)

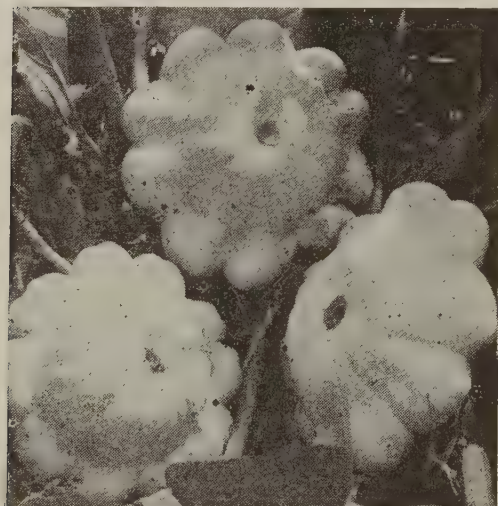
ZUCCA (Ital.)

One ounce will sow 20 to 30 hills; 3 to 4 pounds, an acre

This is a popular vegetable for summer and winter use, and being susceptible to cold it should not be planted until the ground is thoroughly warm. The bush sorts should be planted in hills 4 to 5 feet apart each way; the running varieties, 8 to 12 feet apart. Place 8 to 10 seeds in a hill and thin out to about 4 plants in a hill

### Summer Varieties

**Cocozelle or Italian.** 64 days. A bush variety. Long smooth, dark green fruits, striped lighter. Fine for slicing and frying. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.



Early White Bush Squash

**Early Prolific Straightneck.** 50 days. A bush type that produces abundantly. Fruit is smooth, straight, bright lemon-yellow in edible stage, 12 inches long and 3 inches in diameter. Flesh firm and of excellent flavor. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Early White Bush.** 52 days. A round, scalloped form with an ivory-white skin. Has an abundance of meat of very fine flavor. Matures early; very prolific. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.

**Giant Straightneck.** 60 days. A new bush sort. Fruits 18 to 20 inches long when matured and heavily warted. Deep orange color. Thick and meaty. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Giant Yellow Summer Crookneck.** 52 days. Shaped like a club with a bent neck. The skin is rough, warted, and orange-yellow color. This is a running variety. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.

**Golden Table Queen.** 95 days. High quality Acorn type. Similar to Table Queen but has rich golden yellow outer skin. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Table Queen or Acorn.** 58 days. Edible in about 55 days. Fruits 6 to 8 inches long, 3 inches in diameter; deep green rind turning to orange; flesh light yellow. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Yankee Hybrid.** 49 days. All-America Bronze Medal Winner. The fruits mature from 3 to 10 days earlier than other varieties of this class. Pkt. 15c.; oz. 75c.;  $\frac{1}{4}$ lb. \$2.50.

**Zucchini.** 62 days. Cocozelle type. Fruits 12 to 14 inches long; green skin, mottled yellow when matured; flesh delicious. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.00.

### Fall and Winter Varieties

**Blue Hubbard.** 110 days. A selection from the original Hubbard. The fruit is of a gray-blue color, grows large, is a remarkably good keeper and of excellent quality. Pkt. 10c.; oz. 40c.;  $\frac{1}{4}$ lb. \$1.25.

**Boston Marrow.** 97 days. Golden orange. Fine for canning, cooked as a vegetable or in pie. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.

**Delicious.** 102 days. Has the finest flavor of any Squash. Oblong, with deep green skin, thin rind, and small seed-cavity. One of the best winter keepers. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.00.

**Golden Hubbard.** 100 days. Used for pie and also served as a vegetable; dry and delicious. Outside deep orange-red. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.00.

**Hubbard.** 105 days. True. Fruits large, olive-shaped, with dark green skin and rich flesh. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.00.

### SAFFRON

Herb used in adding color to soups, etc. Pkt. 25c.;  $\frac{1}{4}$ oz. \$1.25;  $\frac{1}{2}$ oz. \$2.00.

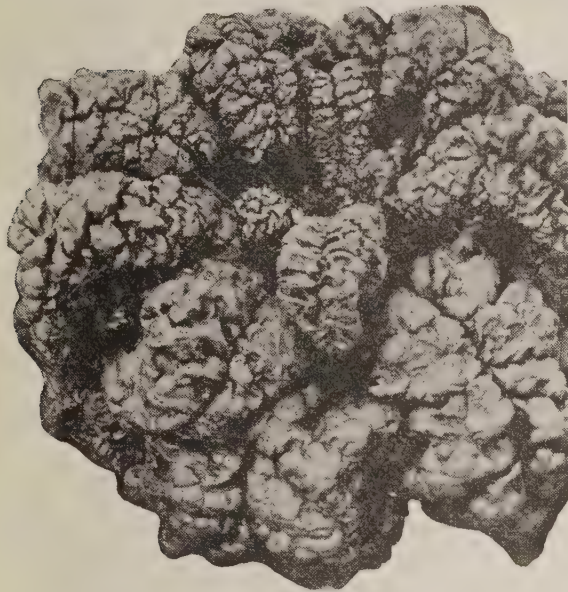
### SAVORY

**Summer.** Herb used in flavoring. Pkt. 15c.;  $\frac{1}{2}$ oz. 50c.; oz. 90c.

### SWEET BASIL

Herb used for soups and stews. Pkt. 15c.;  $\frac{1}{4}$ oz. 40c.;  $\frac{1}{2}$ oz. 60c.; oz. \$1.00.





Bloomsdale Savoy Spinach

## MICHELL'S SELECT SPINACH SEED.

EPINARD (Fr.) SPINAT (Ger.)  
SPINACCIO (Ital.)

One ounce will sow about 75 feet of drill;  
10 to 12 pounds, an acre

Sow for spring use, in drills 1 foot apart (covering the seed to about  $\frac{1}{2}$  inch), as early as the ground can be worked, and continue to sow every two weeks till May 15. Spinach seed seldom germinates during June, July, or August, so we do not recommend sowing again until September, which is the season to provide an early winter and spring crop. On the approach of cold weather, cover with manure, long straw, or other litter. Spinach can also be grown successfully under hotbed sash.

**Bloomsdale Long-standing Savoy.** 42 days. Will stand considerable heat before bolting to seed, therefore valuable for spring sowing. Leaves are thick, crimped, and fleshy. Oz. 15c.;  $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

**King of Denmark.** 45 days. A new variety that stands a long while without running to seed. The deep green leaves are large, rounded, and slightly blistered. Oz. 25c.;  $\frac{1}{4}$ lb. 65c.; lb. \$2.00.

**Market Gardeners.** 48 days. A decided improvement on all other kinds. Leaves broad, heavy, of dark green, glossy color, heavily blistered. Will stand 7 to 10 days longer without shooting to seed than any variety we know of. Oz. 20c.;  $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

**Nobel Giant Thick Leaf.** 43 days. A quick-growing variety, large and spreading, very productive, and slow to bolt to seed. The broad leaves are rich bright green, medium thick, firm, tender, smooth and slightly crumpling, tapered to a rounded tip. Of excellent quality. Oz. 20c.;  $\frac{1}{4}$ lb. 65c.; lb. \$2.00.

**New Zealand.** 70 days. This variety endures heat and drought and is excellent for summer use. Leaves small and thick. Heavy yielder, growing upright. One sowing can be picked from throughout the entire summer. To get successful germination, seed should be soaked in warm water for about 12 hours before sowing. Seed should be sown about May 15. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

**Virginia Blight-resistant Savoy.** 39 days. A low-growing, spreading variety of vigorous growth, which is immune from disease. Exceedingly popular for market. Excellent for fall sowing. Oz. 15c.;  $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

## MICHELL'S TURNIP and RUTABAGA SEED

NAVET (Fr.) WEISSE RUBE (Ger.) NAVONNE (Ital.)

One ounce of seed for 100 feet of drill; 2 pounds per acre, broadcast

For early use sow the small sorts as soon as the ground can be worked in the spring in drills 14 inches apart. As the seed is fine it should be covered but slightly, except in very dry weather. Do not sow too thickly, so the roots can develop. For fall and winter use sow broadcast from the middle of July to the middle of August.

### Turnip

**Early Purple-Top Flat.** 46 days. A popular early variety. Root clear white, purple top; good quality. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$ lb. 50c.; lb. \$1.45.

**Early White Flat Dutch** (Strap-Leaf). 46 days. An early variety, producing a medium-sized root of fine quality. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$ lb. 50c.; lb. \$1.45.

**Purple-Top White Globe.** 57 days. Large root, skin purple at top, white at bottom. A good table and market variety. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$ lb. 40c.; lb. \$1.25.

**Shogoin.** 30 days. A two-purpose variety with tops equal to the best spinach. The roots are pure white and of fine flavor. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$ lb. 50c.; lb. \$1.45.

**Snowball.** 40 days. Pure white, globe-shaped. Very early. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$ lb. 50c.; lb. \$1.45.

**Southern Seven-Top.** 80 days. Chiefly used for winter greens. Extensively sown in the South. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$ lb. 40c.; lb. \$1.25.

**Yellow Globe or Amber.** 80 days. Shaped like the Purple-Top Globe, but colored like a yellow Rutabaga. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$ lb. 50c.; lb. \$1.45.

### Rutabaga

Rutabagas should be sown in drills about  $2\frac{1}{2}$  feet apart, and when 3 inches high thinned out to get the greatest root-development. They need to be cultivated liberally and hilled up when about 6 inches high.

Customers frequently complain that Rutabagas grow too long, rather than in a round form. In the locality of Philadelphia and New York, the seed should be sown from July 15 to August 1. Seed sown earlier than this invariably produces long roots with long stems.

**American Purple-Top Yellow.** 90 days.

**Special Strain.** At least 8 to 10 days earlier than our usual strain. Roots are mostly round, with a small tap-root, yellow, with purple crown; flesh amber-colored, sweet and free from fiber; tops medium size and of a smoky green color. Seed can be sown much later than other strains and yet mature before freezing weather. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.; lb. \$2.25.

**Purple-Top Yellow.** 90 days. *Usual Strain.* Top is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

## SALSIFY . OYSTER PLANT

SALSIFIS (Fr.) HAFER WURZEL (Ger.)  
SALSEFIA (Ital.)

One ounce will sow about 50 feet of drill;  
10 pounds, an acre

Sow in early spring, in drills 15 inches apart and 1 to 2 inches deep; when about 4 inches high, thin to 3 inches apart. Soil should be deep and mellow in order that the root may grow straight down. Store same as carrots for winter use, or they can be left in the ground until spring.

**Mammoth Sandwich Island.** Enormous; very tender and delicious. Pkt. 20c.;  $\frac{1}{2}$ oz. 45c.; oz. 80c.

## SWISS CHARD

**Dark Green Curled.** 55 days. Pkt. 15c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.

**Fordhook Giant.** 55 days. Pkt. 15c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.

**Giant Lucullus.** 50 days. Pkt. 15c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.

**Rhubarb.** 60 days. Pkt. 15c.; oz. 50c.  
For description of above, see page 4.

## TAMPALA

Tampala grows best during the long hot summer days but must be well watered during any prolonged dry spell.

Sow the seed after the ground is thoroughly warm, in shallow drills not more than  $\frac{1}{8}$  inch deep, spacing the rows 2 feet apart.

Entire plants cut when 5 to 6 inches high make very tasty greens when prepared like spinach. Or if plants are thinned out to stand 2 feet apart and allowed to become well established, the tips 5 to 6 inches long may be cut and new side branches will develop and provide continuous cutting throughout the season. Stems the size of asparagus tips may be stripped of the leaves and prepared as you would asparagus. Pkt. 15c.;  $\frac{1}{8}$ oz. 60c.;  $\frac{1}{4}$ oz. \$1.00.

## SORREL

OSEILLE (Fr.) SAUERAMPFER (Ger.)  
ACETOSA (Ital.)

**Broad-leaved French.** 60 days. Used as a salad; has an acid flavor. Sow seed in the spring in good light soil in shallow drills 1 foot apart; thin out to 4 inches apart in the row. Pkt. 20c.;  $\frac{1}{2}$ oz. 50c.; oz. 75c.;  $\frac{1}{4}$ lb. \$2.50.

## TOBACCO

**Connecticut Seed-Leaf.** Produces large leaves, desirable for making cigars. Pkt. 20c.;  $\frac{1}{2}$ oz. 60c.; oz. \$1.00.

**Havana.** 120 days. Large thick leaf of fine texture. Much used for cigar wrapper. Pkt. 20c.;  $\frac{1}{2}$ oz. 60c.; oz. \$1.00.

**White Burley.** 120 days. Root-rot resistant. Grows large and strong. A favorite for plug fillers and wrappers. Pkt. 20c.;  $\frac{1}{2}$ oz. 60c.; oz. \$1.00.

## Seeds of Culinary and Medicinal Herbs

There is an increasing interest in Herbs today, and Herb-gardens are becoming quite popular. The majority of them are very easy to grow and therefore should be grown more extensively than they are.

	Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.
Anise.....	\$0 15		\$0 50	\$ 90	
Basil, Sweet....	15	\$0 40	60	1 00	
Borage.....	15	60	1 00	1 50	
Caraway.....	15		50	90	
Catnip.....	15	75	1 25	2 00	
Chives.....	25	60	1 00	1 75	
Coriander.....	15		30	50	
Dill.....	10			35	\$1 00
Fennel, Sweet..	15			50	1 25
Fennel, Florence	15			50	1 25
Lavender.....	25	60	1 00	1 75	
Rosemary.....	25				
Saffron.....	25	1 25	2 00		
Sage.....	25	1 25	2 25	3 75	
Summer Savory.	15		50	90	
Sweet Marjoram					
Thyme.....	25				

For particulars on Herb Plants refer to pages 74, 75



## MICHELL'S SELECT TOMATO SEED

POMME D'AMOUR (Fr.) LIEBESAPFEL (Ger.) POMO D'ORO (Ital.)

One ounce will produce 3500 plants; ¼ pound, enough plants for an acre

**NOTE:** All seeds on this page mailed post-paid at prices quoted

- Jubilee.** 72 days. All-America Bronze Medal Winner. A new globe-shaped variety mild in flavor, bright orange-yellow. Pkt. 15c.; ¼oz. 40c.; ½oz. 75c.; oz. \$1.40.
- Bonny Best.** 73 days. One of the most prolific early Tomatoes. Solid, evenly formed, bright red fruit. Pkt. 15c.; ½oz. 50c.; oz. 90c.
- Break o'Day.** 70 days. Disease-resistant. Fruits globular, large, smooth, meaty, and a good red color. Pkt. 15c.; ½oz. 50c.; oz. 90c.
- Crimson Cushion or Beefsteak.** Non-acid. 90 days. A vigorous grower producing immense, solid, very meaty fruits. Pkt. 25c.; ½oz. 60c.; oz. \$1.10.
- Dwarf Champion.** 86 days. Tree Tomato. Plant dwarf and compact. Fruit red, with a purplish cast; solid; late maturing. Pkt. 15c.; ½oz. 65c.; oz. \$1.10.
- Dwarf Stone.** 92 days. Tree Tomato. A dwarf, compact plant and medium-sized, very solid bright red fruit. Late cropper. Pkt. 20c.; ½oz. 80c.; oz. \$1.50.
- Earliana or Penn State.** 66 days. One of the earliest bright red varieties. Compact in growth; a good yielder. Fruit solid, uniform and of excellent quality. Pkt. 15c.; ½oz. 65c.; oz. \$1.10.
- Golden Ponderosa.** 88 days. The best large golden yellow variety. Early, smooth, of excellent quality. Pkt. 25c.; ½oz. \$1.00; oz. \$1.75.
- Golden Queen.** 82 days. A leader in the main-crop yellow-fruited field. Golden yellow, medium sized, smooth, firm. Mild flavor. Pkt. 10c.; ½oz. 60c.; oz. \$1.10.
- Greater Baltimore.** 82 days. A main-crop variety. Fruit large, brilliant red, and ripens evenly. Pkt. 10c.; ½oz. 40c.; oz. 75c.
- Italian Salad.** 74 days. This fine, red, plum-shaped salad Tomato has become quite popular. It is practically free from acid, has few seeds, and a flavor all its own. Pkt. 25c.; ½oz. \$1.00; ½oz. \$1.85.
- John Baer.** 70 days. Clusters of beautiful red fruit of good size and nearly round. Pkt. 10c.; ½oz. 50c.; oz. 90c.
- June Pink.** 69 days. Large; solid purplish red flesh of fine texture. Pkt. 15c.; ½oz. 65c.; oz. \$1.10.
- Marglobe. Special Strain.** 77 days. Variety of special merit, practically immune from the many Tomato diseases. Handsome scarlet fruits. Pkt. 15c.; ½oz. 45c.; oz. 80c.

- Marglobe. Usual Strain.** 77 days. Pkt. 10c.; ½oz. 35c.; oz. 65c.
- Oxheart.** 90 days. A main-crop, pink-fruited sort, popular in certain sections due to its great solidity. Non-acid; quality fine. Some grow to an enormous size. Pkt. 15c.; ½oz. \$1.00.
- Pan America.** 75 days. This variety is highly resistant to nailhead rust and wilt. The fruits are bright scarlet throughout, medium large, globular shaped, with thick flesh, free of cracking. Strong-growing vine developing good coverage. Pkt. 10c.; ½oz. 60c.; oz. \$1.00.
- Ponderosa.** 88 days. Non-acid. The largest Tomato in existence. A beautiful deep pink, at times rather uneven in shape. Pkt. 15c.; ½oz. 85c.; oz. \$1.50.
- Pritchard or Scarlet Topper. Special Strain.** 76 days. An early variety undoubtedly the best of all recent introductions. The shape and outside color compare favorably with Break o'Day; the inside color is darker red. Pkt. 15c.; ½oz. 45c.; oz. 85c.
- Pritchard or Scarlet Topper. Usual Strain.** 76 days. Pkt. 10c.; ½oz. 35c.; oz. 65c.
- Rutgers. Special Strain.** 78 days. A new introduction by the New Jersey Agricultural College. It ripens at about the same time as Marglobe and is very productive. An excellent main-crop variety. Pkt. 15c.; ½oz. 45c.; oz. 75c.
- Rutgers. Usual Strain.** 78 days. Pkt. 10c.; ½oz. 35c.; oz. 65c.
- Stokesdale.** 73 days. An extra-early scarlet-fruited sort. Owing to its short season it is well adapted to the northern states. Pkt. 15c.; ½oz. 40c.; oz. 75c.
- Stone.** 86 days. An old-time favorite. Large, handsome red fruit with smooth skin. Recommended for a main crop. Pkt. 10c.; ½oz. 40c.; oz. 70c.
- Valiant.** 57 days. An extra-large early market variety producing brilliant scarlet fruits of the globe type. It has a rather sparse, open vine, and therefore should mature most of its crop before the extreme heat. Pkt. 15c.; ½oz. 50c.; oz. 90c.
- Victor.** 66 days. It is very early, very prolific with a full set of fruit maturing all together for early use. The fruit is of moderate size, semi-globe shape, rich scarlet color borne in large clusters. Pkt. 20c.; ½oz. 80c.; oz. \$1.50.
- White Beauty.** Large size, ivory-white; fruit of excellent quality. Flesh is almost paper-white and absolutely free from acid. Pkt. 25c.; large pkt. 75c.

### Forcing Tomatoes

- Michell's No. 1 Forcing.** This outstanding forcing Tomato was originally selected from the progeny of a cross between Marglobe and Cooper's Special. We offer a three-year hill-selected pedigreed stock for the first time this year. The finest medium-sized scarlet Tomato available for forcing. Pkt. \$1.00; large pkt. \$2.25.
- Michigan State Forcing.** Pkt. 25c.; large pkt. 75c.
- Sunrise.** 80 days. A forcing variety of the European type. Fruits are scarlet in color and grow in clusters. Vine is vigorous and a very good producer. Pkt. 20c.; ½oz. 80c.; oz. \$1.50.

### Small-Fruited Tomatoes

- Red Cherry**   **Red Plum**   **Yellow Pear**  
**Red Pear**   **Yellow Plum**  
**Strawberry or Husk**  
 Pkt. 20c.; ½oz. 60c.

## THYME

Herb used for sauces and dressings. Seed. Cannot supply.

## VEGETABLE PLANTS AND ROOTS

Owing to existing conditions and traffic difficulties that exist, we are unable to deliver free, orders for vegetable plants and roots under the minimum price of \$3.00 on each consignment.

We regret that it is not practicable to ship pot-grown plants of PEPPER, PARSLEY, EGG-PLANTS, and TOMATOES by Parcel Post.

The foliage of these plants is very soft and tender and we have found from experience (largely because of delays in the mail service), that they reach their destination in a worthless condition.

Nor can we ship any of the above-mentioned plants outside the Japanese beetle zone.

A fresh supply of these plants will be available during the planting season at our store, 516-18 Market St., Philadelphia 5, on a cash-and-carry basis.

### Artichokes

**Green Globe.** Pot-grown plants. Doz. \$3.00; 25, \$5.50.

### Asparagus Roots

Ready about March 20 for spring planting; about November 1 for fall planting

The two-year roots usually produce two years after planting. Our stock is especially fine in quality.  
**Giant Washington.** 2-yr. roots, 50, \$2.50; 100, \$4.00; 1000, \$30.00.

### Cabbage Plants Ready April 1

**Early sorts.** Coldframe plants, 100, \$1.50.

**Late sorts.** Ready July 1.

**Late Flat Dutch, Danish Ballhead and Red Dutch Drumhead** varieties only. 100, \$1.50.

### Celery Plants Ready in July

**White Plume, Giant Pascal, Winter Queen and Golden Self-blanching.** 100, \$1.00; 1000, \$8.50.

### Eggplant Plants

Ready after May 15

**New York Improved and Black Beauty.** Pot-grown plants. Doz. \$1.25; 100, \$8.50.

### Horseradish Roots

6, 50c.; doz. 75c.; 50, \$2.00; 100, \$3.75

### Parsley Plants Ready in May

Pot-grown plants. Doz. \$1.00; 100, \$8.00

### Pepper Plants Ready in May

**Bull Nose and Ruby King** varieties. Pot-grown plants. Doz. \$1.00; 100, \$8.00.

### Rhubarb Roots

Ready April 1 for spring planting

**MacDonald.** A new variety of great merit. 1 root 75c.; 6 roots \$4.00; 12 roots \$7.50.

**Victoria.** 1 root 50c.; 6 roots \$2.00; 12 roots \$3.50. Clump, large field-grown, \$1.00 each; 6 for \$5.50

### Sweet Potato Plants Ready in June

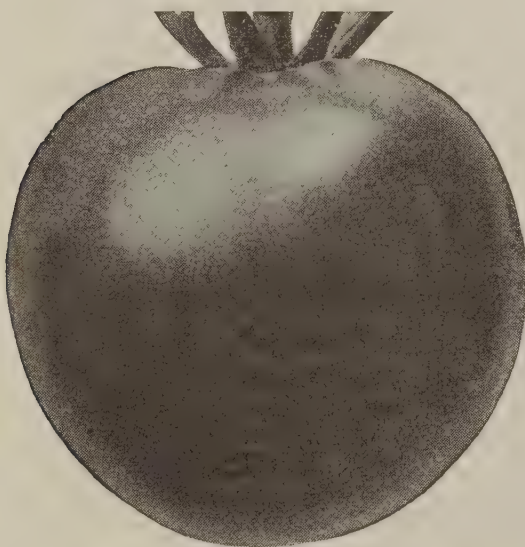
**Yellow and Red Nansemond.** 100, \$2.00; 1000, \$18.00. (Not less than 100 plants of a variety can be furnished.)

### Tomato Plants Ready after April 15

**Early and Late Varieties.** Pot-grown plants. Doz. \$1.00; 100, \$8.00.



Small-fruited Tomatoes



Marglobe Special Strain Tomato



# Michell's Seed Corn Produces Extra Bushels per Acre

## MICHELL'S SELECTED HAND-PICKED FIELD CORN

Plant 8 to 10 quarts per acre in hills for shelled Corn or for silo, or sow 1½ to 2 bushels broadcast for fodder

Our strains of Corn are not the common kinds usually found in abundance on the market. We give very careful attention to selected stock in all lines of farm seeds. This is particularly true of Field Corn where re-selection means the limit of crop with little or no increase in

cost. Our stock is selected for size of ear and fodder, uniformity of kernel, and the careful finish of the tip and butt, all of which means a considerable increase in production. Field Corn weighs 56 pounds per bushel.

### Iowa 939 Hybrid

Maturity 100-105 days

Approximately ten days earlier than Lancaster County Sure Crop. Adapted to a wide range of conditions. Ears are cylindrical shaped; kernels somewhat rough and soft. Popular with cattle feeders because of non-flinty kernel. Qt. 60c.; pk. \$2.75; bus. \$9.00.

### U. S. 13 Hybrid

Maturity 110-115 days

Matures about nine days later than Lancaster County Sure Crop. Medium rough, deep grains; medium tall stalk. Good silage producer throughout the eastern states. One of the highest yielding of all hybrid varieties for both grain and silage. Qt. 60c.; pk. \$2.75; bus. \$9.00.

### Eureka Ensilage

Silage 115 days

While this variety will not mature ears in northern localities, it is one of the best ensilage varieties. Grows very tall and leafy, giving heavy tonnage.

Our Eureka is of an extra-heavy yielding strain and should not be confused with the ordinary type of this variety. Qt. 35c.; pk. \$1.45; bus. \$4.75.

### Early Leaming

Grain 90 days

A medium-early variety adaptable to most any section. Yellow wedge-shaped grains, medium-sized ear. Qt. 35c.; pk. \$1.45; bus. \$4.75.

### Eight-rowed Yellow Flint

Grain 90 days

Grows a long ear with exactly eight rows of grain. Thin cob, grain very hard and of a deep golden color. Qt. 35c.; pk. \$1.45; bus. \$4.75.

### Improved Leaming

Silage 95 days—Grain 105 days

Known for its adaptability to most any soil and climate. Medium-sized ear with grains of rich yellow, wedge shaped. Qt. 35c.; pk. \$1.45; bus. \$4.75.

### Reist's Sweepstakes

(Improved West Branch)  
Silage 90 days—Grain 95 days

A mixed color Corn—some grains are yellow with touches of red, while others are red with pale caps. Large ear with wide grains. More tons per acre for the silo. Qt. 35c.; pk. \$1.45; bus. \$4.75.

### Lancaster County Sure Crop

Silage 90 days—Grain 100 days

The most popular variety for silage in Pennsylvania, New York and the New England states. It is adaptable to practically all climatic and soil conditions and will withstand drought. A favorite because it provides plenty of silage with rich feed value. Grows tall, leafy stalks; long ear with thin cob—high in protein, husks easily, shells well, rich yellow. Qt. 35c.; pk. \$1.45; bus. \$4.75.

### White Cap Yellow Dent

Silage 105 days—Grain 115 days

Developed here in Lancaster County. Large ear, red cob, cap of grain white, lower part light yellow. An excellent producer of rich silage in New York state. A good yielder of Corn, which matures a bit earlier than most of the Dent varieties. Qt. 35c.; pk. \$1.45; bus. \$4.75.

### Reid's Yellow Dent

Silage 105 days—Grain 120 days

Often called Golden Yellow Dent and classed as a medium-season Corn. Large broad heavy ears—on extra-good sheller. Qt. 35c.; pk. \$1.45; bus. \$4.75.

## MICHELL'S HIGH-GRADE FARM SEEDS

### BARLEY

(Treat with CERESAN)

The straw is good for green feed or when cured as hay, and the grain in the hull is excellent poultry feed. If wanted for hay it should be cut while the grain-head is in a soft or milky condition. So broadcast 1½ to 2 bushels per acre, from April to July 1. 48 pounds per bushel. Makes an ideal nurse crop for spring-sown alfalfa. Frequently yields 50 bushels per acre. Qt. 30c.; pk. \$1.50; bus. \$4.00.

### BROOM CORN

Sow in May, about 10 pounds per acre, in drills 3 feet apart. Plants should be thinned out to stand 3 inches apart in the row.

**Evergreen.** Produces extremely straight brush retaining its green color well after ripening. Yields 1000 pounds of salable brush per acre. 50 pounds per bushel. Lb. 40c.; 10 lbs. \$3.50.

### Stanley's Crow Repellent

Protects your crop against crows, pheasants, blackbirds, etc. Also protects seed from rotting in the ground. Non-poisonous. ½ pt. 60c.; pt. \$1.00; qt. \$1.75. One pint is sufficient for two bushels of Seed Corn.

All prices subject to market changes

Prices on Farm Seeds in larger quantities than listed will be quoted on application.

### SOY BEANS

(Inoculate with LEGUME-AID)

This valuable plant enriches the ground in which it is planted by the free nitrogen gathered from the air which is deposited in the ground by the roots. Sow 1½ bushels per acre alone, or 50 pounds, in drills 2½ feet apart, during May or June. If wanted for silo it will be ready for harvest about September 1, when the pods will be well filled. 60 pounds per bushel.

**Black Wilson.** An early-maturing (120 days) and the best all-round variety, being a heavy seed-yielder and producing high-quality hay. Qt. 30c.; pk. \$1.75; bus. \$4.75.

**Green Mammoth (Tokio).** Late. An extra-large green variety, suitable for edible purposes as well as for hay and soiling. Qt. 35c.; pk. \$1.75; bus. \$4.75.

**Mammoth Yellow.** Late. Qt. 30c.; pk. \$1.75; bus. \$4.75.

**Manchu.** Early variety (110 days) which will make an extra-heavy yield of large yellow Beans, high in oil-content. An excellent variety for milling. Qt. 30c.; pk. \$1.50; bus. \$4.25.

**Mung.** Best for sprouting green shoots; excellent in salads. Very popular with the Chinese trade. Lb. 30c.; 25 lbs. \$6.50; 100 lbs. \$23.00.

### BUCKWHEAT

In the locality of Philadelphia this is sown any time from June 1 to July 15, one bushel broadcast to the acre. Makes a very fine quality of flour and is also largely used for poultry-feed. Frequently yields 80 bushels to the acre. 48 pounds per bushel. Qt. 30c.

### LADINO WHITE CLOVER

Sow it for a year-round pasture. U. S. Department of Agriculture says: "Ladino is the largest growing form of White Clover. It is similar to White Dutch but grows about twice as large. Introduced from South Europe. Many farmers cut it for hay in the summer and graze it the rest of the year."

It is a long-lived perennial. Its taproot goes down 1 to 3 feet. The stems run on the ground, taking root. One plant covers 2 feet. A sparse stand soon thickens into a dense, even growth. The only parts available to grazing are the highly nutritious leaves and flowers which rise 12 to 20 inches in great profusion from the numerous joints.

It grows on any soil, even shallow hardpan, but does best on loam or clay where moisture is plentiful. The seed is so small it requires a firm hard seedbed, planted shallow and covered very lightly. Our seed is scarified, germinates over 90 per cent, requiring one-half as much per acre. Inoculate and sow in spring or fall, 5 pounds per acre alone, or 3 pounds in mixtures. Don't pasture until plants spread and start sending up shoots from the joints. Lb. \$3.50.

**Wild White Clover.** This Clover is suited for soils below the fertility standard and provides a most effective and economical source of nitrogen. It is perfectly hardy. Sow from 1 to 3 pounds per acre in mixture, preferably in the early spring. ¼ lb. 75c.; lb. \$2.75; 5 lbs. \$12.50; 10 lbs. \$23.50.

**Yellow Trefoil (Medicago lupulina).** Also known as Yellow Clover. Recommended for use in permanent pastures because of its ability to furnish pasture during the spring months. Lb. 60c.



## MICHELL'S HIGH-GRADE FARM SEEDS, continued

### RECLEANED CLOVERS

Clovers weigh 60 pounds per bushel

**Alfalfa, Common** (*Medicago sativa*). Non-irrigated. Sow during April and May, August and September, 25 pounds per acre, preferably with no other crop. 10 lbs. \$5.55; 50 lbs. \$27.00; 100 lbs. \$53.00.

**Alfalfa, Grimm**. An extremely hardy variety, less apt to winter-kill than older sorts. Heavy yielder and of deep-rooting habit. Sow 15 to 20 pounds per acre. Price on application.

**Alsike or Swedish Clover** (*Trifolium hybridum*). One of the hardiest and most tolerant of adverse soil conditions. Grows from 1 to 2 feet high. Sow early in the spring or early autumn, mixed with timothy, or 10 pounds per acre if alone. 10 lbs. \$4.95; 50 lbs. \$23.50; 100 lbs. \$44.50.

**Crimson Clover** (*Trifolium incarnatum*). Used principally for soiling or green manuring. Not hardy more than one season. Height 1 to 2 feet. Sow any time from June to October, 20 pounds to the acre. Lb. 50c.

**Mammoth Red Clover** (*Trifolium pratense perenne*). Domestic origin. This differs from the Medium, being of a ranker growth and yielding more fodder per acre. Sow early in spring or in July and August, using 15 pounds per acre alone, or with other crops, 10 pounds per acre. 10 lbs. \$5.00; 50 lbs. \$24.30; 100 lbs. \$46.50.

**Medium Red Clover** (*Trifolium pratense*). We offer adapted seed of domestic origin only. Excellent for hay purposes, usually yielding two crops each year. Sow early in the spring or in late summer—July and August; if alone, 20 pounds per acre; if with other crops, 10 pounds per acre. 10 lbs. \$5.00; 50 lbs. \$24.30; 100 lbs. \$46.50.

**Lespedeza**. A substitute for alfalfa on poor land in the South, but has been grown successfully in the latitude of Philadelphia. Sow in spring after frost, at the rate of 25 to 35 pounds per acre. Weighs 25 pounds per bushel. Lb. 40c.

**Sweet or Bokhara Clover** (*Melilotus alba*). Used either as a feed-crop or as green manure, to plow under. Grows 3 to 5 feet high, thrives on almost any soil. Sow 15 pounds per acre during spring and fall. 10 lbs. \$2.25; 50 lbs. \$10.55; 100 lbs. \$19.00.

**White Dutch Clover** (*Trifolium repens*). Choice recleaned seed. Sow 10 to 12 pounds per acre if alone, or 5 pounds if sown on old turf or with other crops. Oz. 20c.; 1/4 lb. 60c.; 1/2 lb. 80c.; lb. \$1.50; 5 lbs. \$7.00; 10 lbs. \$13.00; 25 lbs. \$31.50.

To produce best results all Clover Seeds, Field Peas, and Cowpeas should be inoculated with LEGUME-AID. See page 98.

### CANADA FIELD PEAS

These are used for various purposes, chief among them being a very early green feed; when used this way they are sown with oats about April 1, at the rate of 1 1/2 bushels of Peas and 1 1/2 bushels of Oats to the acre, either drilled or broadcast. Peas may also be sown alone at the rate of 3 bushels per acre and furnish excellent hay. 60 pounds per bushel. Qt. 35c.

### CORN, WHITE KAFFIR

(For Seed)

The grain is used for feeding poultry and the fodder for cattle. Grows 4 to 6 feet high, and produces enormous crops. Can be sown as late as July at the rate of 10 pounds per acre in drills. 56 pounds per bushel. Lb. 25c.

### COWPEAS

These provide the most inexpensive method of bringing soil back to a stage of fertility, as they grow in the poorest kind of soil, leaving it very rich in ammonia. In the latitude of Philadelphia, sow from May 1 to July 1, 2 bushels per acre broadcast, or 1 bushel per acre in drills. For a large crop, sow the seed late. 60 pounds per bushel.

**New Era**. A small, upright-growing, very prolific variety of early maturity. Qt. 30c.

**Whippoorwill**. Medium early, upright-growing variety extensively used. Qt. 50c.

### FLAX

This is grown for the fibre from which linen thread is made and also for the seed used in the manufacture of linseed oil. If grown for seed, sow 1 bushel to the acre from May 15 to June 15; for fibre sow 1 1/2 to 2 bushels per acre. 56 pounds per bushel. Lb. 40c.

### MANGEL-WURZEL

Sow 5 pounds per acre in April and May in thoroughly plowed, well-manured soil, in drills about 2 feet apart. Thin out to 1 foot.

**Golden Tankard**. Pkt. 10c.; oz. 30c.; 1/4 lb. 90c.; lb. \$2.75.

**Lane's Improved White Sugar**. Pkt. 10c.; oz. 25c.; 1/4 lb. 75c.; lb. \$2.20.

**Mammoth Long Red**. Pkt. 10c.; oz. 25c.; 1/4 lb. 75c.; lb. \$2.20.

See also page 4

### MILLET

Can be sown as late as July 15. Desirable for green manuring or green food for stock. If used for hay, cut just as it matures.

**Hungarian**. The seed produces hay not as fine as Tennessee Golden and fully a foot less in height. It can, however, be sown some two weeks later. Sow 1 bushel per acre. 48 pounds per bushel. Lb. 35c.

**Barnyard**. Frequently as high as 12 tons of green feed have been obtained from an acre. If sown early in May, it may be cut twice in one season. Sow 12 pounds per acre broadcast, any time from May 1 to June 15. 35 pounds per bushel. Lb. 35c.

**Tennessee Golden**. Requires a longer season to mature. Produces very fine hay and makes a larger seed-head. Sow 1 bushel broadcast to the acre from April 10 to July 10. 50 pounds per bushel. Lb. 35c.

### SEED OATS

They are large, plump, free from weed seeds or other foreign substance, and of high vitality. Sow at the rate of 2 1/2 to 3 bushels per acre alone or 1 1/2 bushels with peas during April for best results. 32 pounds per bushel.

**Swedish or Washington**. The long, erect straw is noted for its ability to stand up in rough weather. Grains are very plump and nearly pure white. Qt. 30c.

**Vicland**. One of the most promising of the newer varieties. Highly resistant to rust and smut. Heavy yield per acre. Extra strong straw, early maturing, not apt to sprout in shock, superb yields. For best results do not sow more than two bushels per acre. Qt. 35c.; bus. \$2.75.

Treat your Seed Oats with Ceresan to control Oat smut and increase yield. See page 97.

### RAPE

**Dwarf Essex**. This can be pastured 8 weeks after sowing. Sow 6 pounds per acre broadcast, from April 1 to October 1. It produces enormous crops and is an ideal green manure. 50 pounds per bushel. Lb. 35c.; 10 lbs. \$3.00.

### RYE (For Seeding)

**Abruzzi**. This is a strain of Rye which came originally from Italy. It has the reputation of starting off more vigorously in both fall and spring, and consequently is sometimes recommended where a cover crop or pasture is the primary object. Qt. 40c.

**Spring**. An excellent early green feed, or for pasture. The grain is used for feeding and other purposes, while the straw is of very fine quality, making a larger yield than Winter Rye. Sow from May 1 to June 1, 1 1/2 bushels to the acre. 56 pounds per bushel. Qt. 30c.; pk. \$1.50; bus. \$4.00.

**Rosen Winter**. Winter Rye will not mature if sown in spring. Qt. 35c.

### SUGAR-CANE · SORGHUM

**Early Amber**. The seed can be threshed out of the stalks and used as poultry feed. A tremendous producer, often growing 12 feet high. It stands hot, dry weather and can be cut several times in one season. Sow 25 pounds of seed to the acre in drills 3 1/2 feet apart; 1 to 2 bushels broadcast. 50 pounds per bushel. Qt. 30c.

### SUNFLOWER

**Mammoth Russian**. This makes an excellent poultry feed for winter use. Will yield as high as 60 bushels per acre. Sow 10 quarts per acre, in drills 3 feet apart, dropping the seed about every 4 inches. Lb. 30c.; 3 lbs. 85c.; 5 lbs. \$1.25; 10 lbs. \$2.40; 25 lbs. \$5.75.

### SUDAN GRASS

An annual, and must be sown each year. Will yield from 2 to 4 tons per acre. Sow in drills, or broadcast, 16 to 24 pounds per acre. Several cuttings can be made from a sowing in one season. Thrives well in a season of drought. 40 pounds per bushel. Lb. 35c.

### TIMOTHY

Our stock of this important hay-producing seed is especially fine. If sown alone it requires 25 pounds to seed an acre; if sown with wheat, 12 to 15 pounds are the usual quantities. 45 pounds per bushel. 10 lbs. \$1.50; 100 lbs. \$12.00.

### VETCHES · TARES

Inoculate with Legume-Aid

**Winter** (*Vicia villosa*). Sometimes called Sand or Hairy Vetch. Our stock of this is the true type, which will absolutely live throughout the winter. Sow broadcast from August 1 to October 1 at the rate of 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or when in flower cut for hay. 60 pounds per bushel. Lb. 45c.

**Spring** (*Vicia sativa*). It is not hardy and must be sown in the spring, in May or June, 1 to 2 bushels per acre if broadcast, and 1 bushel if in drills, with either spring wheat, spring rye or oats for support. 60 pounds per bushel. Lb. 40c.

### SPRING WHEAT

**Marquis**. A favorite sort in this locality, early, prolific, and vigorous. It often produces 50 bushels per acre. Sow in April or May, 1 1/2 to 2 bushels per acre, broadcast or in drills. 60 pounds per bushel. Qt. 35c.

Two-bushel seamless sacks, used in shipping farm seeds, in one-bushel lots and over, are charged for at 25c. each; returnable at price charged if in good condition and prepaid.

See page 1 for Parcel Post rates





A beautiful lawn is the ideal background for your home and garden. The soft green velvety turf gives an air of peace and tranquility to the landscape

## MICHELL'S *Reliable Grass Mixture*

**S** EEDING at the proper time is half the secret of success in lawn-making. But on *the seed you sow* will depend success or failure. Quality in grass seed is of particular importance. The initial cost of the *best* seed is small compared with the time and labor of weeding and probable replanting which results from cheap, inferior seed. And the satisfaction derived from a really good lawn is immeasurable.

Michell's Lawn Seed has been a leader in high quality for over fifty years. Many of the better lawns in this country are the result of Michell's seed, plus proper care. The answer lies in our insistence on furnishing only that seed which meets our rigid specifications of highest purity and germination and maximum freedom from weeds.

**Quantity to sow for Lawns.** We recommend sowing: 5 pounds per 1000 square feet; 150 pounds per acre on new ground without grass. In renovating established lawns, use half the above quantities.

### MICHELL'S "GREEN VELVET" LAWN SEED

*For the Open, Sunny Lawn*

This proved formula is the result of many years of experience under practical conditions. It is made up of the strongest, finest and most permanent grass varieties suitable for the lawn. Under proper conditions it will produce a fine, deep-rooted turf, velvety in appearance and sturdy enough to withstand constant use. Lb. 70c.; 3 lbs. \$2.00; 5 lbs. \$3.25; 10 lbs. \$6.25; 25 lbs. \$15.00; 100 lbs. \$55.00.

### MICHELL'S EVERGREEN LAWN SEED

Recommended to fill the requirements of the average lawn, this mixture will produce a very desirable turf of fine-blended, hardy grasses, capable of withstanding considerable wear and periodic dry spells. ½lb. 35c.; lb. 60c.; 3 lbs. \$1.75; 5-lb. bag \$2.75; 10-lb. bag \$5.25; 25-lb. bag \$12.00; 100 lbs. \$45.00.

### MICHELL'S FAIRMOUNT PARK LAWN SEED

A mixture meeting the requirements of those desiring a moderately priced grass seed. Lb. 45c.; 3 lbs. \$1.30; 5-lb. bag \$2.15; 10-lb. bag \$4.25; 25 lbs. \$10.00; 100 lbs. \$37.50.

### MICHELL'S TOP-NOTCH LAWN SEED

A perfectly blended combination of the purest seed most suitable for the establishment of a luxuriant lawn. This formula combines the qualities of quick growth, compactness, and permanence, and is recommended to those who seek the ultimate in a lawn mixture. 5-lb. bag \$4.75; 10-lb. bag \$9.00; 25-lb. bag \$22.00; 100 lbs. \$80.00.

**ALL PRICES SUBJECT TO MARKET CHANGES**

Send for our **FREE** booklet, "Lawn Pointers," for suggestions on the care of your lawn

### MICHELL'S "SHADED" LAWN SEED

*Overcomes the Shade Problem*

Just the seed for those shady places where "grass simply won't grow." We have combined a mixture that actually thrives in heavily shaded locations, under the proper soil conditions. Consult us for methods of correcting drainage problems, acidity, low fertility and other reasons leading to this type of grass failure. Lb. 80c.; 3 lbs. \$2.30; 5 lbs. \$3.75; 10 lbs. \$7.00; 25 lbs. \$16.50; 100 lbs. \$60.00.

### MICHELL'S CLOVER LAWN SEED

The increasing demand for a grass seed mixture containing an unusually large proportion of White Clover induced us to offer this brand, which is particularly suited to take firm hold and grow quickly on hard or worn-out spots which sunburn easily. Excellent for sea-shore lawns. ½lb. 55c.; lb. \$1.00; 3 lbs. \$2.90; 5-lb. bag \$4.75; 10-lb. bag \$9.25; 25-lb. bag \$22.50; 100-lb. bag \$80.00.

### MICHELL'S WHITE CLOVER SEED

There is no Clover used in the above lawn mixtures. For those desiring Clover in their lawns, we recommend Michell's White Clover. Sow separately to obtain even distribution and more satisfactory results. ½lb. 50c.; ½lb. 80c.; lb. \$1.50; 5 lbs. \$7.00; 10 lbs. \$13.00; 25 lbs. \$31.50.

### GRASS HAS A TREMENDOUS APPETITE

and only by furnishing the right food at the proper time can the best results be achieved. **Michell's Lawn Dressing** has been developed expressly for this purpose. Applied now at the rate of 25 pounds per 1000 square feet on established lawns, it will immediately strengthen and improve the color of the grass. In making a new lawn, about 40 pounds per 1000 square feet should be worked into the top 3 inches of the soil. 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50.



# Michell's Reliable Grass Mixtures for All Conditions

## for Special Problems

### Michell's Terrace Lawn Seed

It is usually difficult to establish turf on sharp slopes or on terraces. This mixture is composed of deep-rooting varieties particularly adapted to such conditions and will give very satisfactory results. Lb. 80c.; 3 lbs. \$2.30; 5-lb. bag \$3.75; 10-lb. bag \$7.00; 25-lb. bag \$16.50; 100 lbs. \$60.00.

If you have had difficulty in establishing turf on steep slopes and terraces, you need EROSIONET. See page 86.

### Michell's Seashore Lawn Seed

The application of 3 to 4 inches of top-soil and the subsequent sowing of this special mixture will produce an excellent lawn, wonderfully suited to the conditions of climate and soil along the Atlantic Coast. This formula has been thoroughly tested. Lb. 90c.; 3 lbs. \$2.60; 5-lb. bag \$4.25; 10-lb. bag \$8.25; 25-lb. bag \$20.00; 100 lbs. \$70.00.

### Michell's Special Sod Grass Seed

Developed especially for cemetery work and a popular favorite with many of the large burial parks. Lb. 80c.; 3 lbs. \$2.30; 5-lb. bag \$3.75; 10-lb. bag \$7.00; 25-lb. bag \$16.50; 100 lbs. \$60.00.

### Michell's Southern Evergreen Lawn Seed

Particularly adapted to the climate and the soil conditions of the South, where the hot, dry seasons make the maintenance of lawns a difficult problem. Lb. 80c.; 3 lbs. \$2.30; 5-lb. bag \$3.75; 10-lb. bag \$7.00; 25-lb. bag \$16.50; 100 lbs. \$60.00.

### Michell's Superior Bent Grass Mixture

Composed chiefly of the leading varieties of Bent Grass, but containing a sufficient percentage of other hardier fine-bladed grasses to produce a lawn of putting-green texture but which is not as susceptible to disease and attack by insects as pure Bent. We recommend sowing this seed at the rate of 1 pound to 300 square feet. Lb. \$1.50; 5 lbs. \$7.00; 10 lbs. \$13.50; 25 lbs. \$28.50; 100 lbs. \$110.00.

### The New Jersey Lawn Seed Mixtures

Developed and recommended by the New Jersey Agricultural Experiment Station.

**No. 1.** Standard Mixture (with clover). Lb. 90c.; 10 lbs. \$8.50; 25 lbs. \$20.00.

**No. 1A.** Standard Mixture (without clover). Lb. 80c.; 10 lbs. \$7.00; 25 lbs. \$16.50.

**No. 2.** For Finest Quality Turf. Lb. \$1.25; 10 lbs. \$9.50; 25 lbs. \$23.50.

**No. 3.** For Shaded Areas. Lb. \$1.25; 10 lbs. \$11.00; 25 lbs. \$26.00.

**No. 4.** For Terraces and Clayey, Shaley or Sandy Soils. Lb. 95c.; 10 lbs. \$8.85; 25 lbs. \$21.50.



Golf Course



Terrace Lawn

## Grass Seed for Recreational Grounds

The Standard Mixtures listed below are carried in stock, and have been developed for the average conditions in each case. We recommend them for best results except where the conditions are unusual.

### MICHELL'S PUTTING-GREEN MIXTURE

A well-blended combination containing the very finest assortment of low-growing, hardy grasses, which will withstand closest mowing. Sow at the rate of 1 pound to 100 square feet. Lb. \$1.50; 5-lb. bag \$7.00; 10-lb. bag \$13.50; 25-lb. bag \$28.50; 100 lbs. \$110.00.

### MICHELL'S FAIRWAY MIXTURE

Composed of grasses that are deep-rooted, wear-resistant, and that give a healthy, even turf. Seed liberally for best results, 175 to 200 pounds per acre. 10-lb. bag \$7.00; 25-lb. bag \$16.50; 100 lbs. \$60.00.

### MICHELL'S TENNIS-COURT MIXTURE

Will produce a turf capable of withstanding hard play, frequent rolling, and close mowing. Sow 5 pounds to 1000 square feet. 5-lb. bag \$4.75; 10-lb. bag \$9.00; 25-lb. bag \$22.00; 100 lbs. \$80.00.

### MICHELL'S ATHLETIC FIELD MIXTURE

A formula developed especially for football, baseball, hockey, polo and cricket grounds. We have supplied this mixture for many years to universities and athletic clubs and recommend it as the very best for such purposes. 5-lb. bag \$3.75; 10-lb. bag \$7.00; 25-lb. bag \$16.50; 100 lbs. \$60.00.

For a BETTER LAWN use MICHELL'S LAWN DRESSING, the ideal grass fertilizer. See page 98.

ALL PRICES SUBJECT TO MARKET CHANGES



# Grasses in Separate Varieties

All Strictly Recleaned and Carefully Tested for Purity and Germination

On account of market fluctuations on many varieties of grass seeds, prices on larger quantities than those named will be quoted on request.



Seashore Lawn Grass

**Bent Grass, Certified Seaside** (*Agrostis maritima*). Very highest quality; certified and sealed in 100-pound bags by the Oregon Department of Agriculture. The true creeping variety of Bent that makes a perfect putting-green turf. Lb. \$1.65; 10 lbs. \$14.00.

**Bent Grass, Astoria.** A native Bent, grown in Oregon. Similar in growth to the Colonial type. Lb. \$1.60; 10 lbs. \$13.50.

**Bent Grass, Colonial** (*A. tenuis*; *A. capillaris*). A very fine-bladed grass, producing a thick turf. Especially valuable for putting-greens and fine lawns. Lb. \$1.50; 10 lbs. \$13.00.

**Bermuda Grass** (*Cynodon dactylon*). A valuable summer grass for lawns and putting-greens as far north as Washington, D. C., above which latitude it is not satisfactory. Price on application.

**Blue Grass, Kentucky** (*Poa pratensis*). The most satisfactory permanent lawn and pasture grass for use in the northern states, improving year after year under proper care. Deep green in color, with narrow leaf-blades.

**Extra Fancy.** Lb. 75c.; 10 lbs. \$7.00.

**Superfine.** Lb. \$1.00.; 10 lbs. \$9.50.

**Blue Grass, Canada** (*P. compressa*). Somewhat similar to Kentucky Blue but lighter in color and will thrive on poorer soils and in warmer climates. Highly relished by cattle. Lb. 95c.; 10 lbs. \$9.00.

**Fescue, Alta.** An improved strain of tall Fescue, related to Meadow Fescue but a better forage producer. It is excellent in pasture and is noted for high yields of forage. Will tolerate poorly drained conditions and improve the soil. The plant is a deep-rooted, tufted perennial grass, with dark green basal leaves and few seed stalks. It has a long growing season and is one of the few grasses remaining green throughout the season. Alta Fescue is also finding a place as a turf plant on airfields and roadsides. Lb. \$1.25; 10 lbs. \$12.00.

**Fescue, Chewing's N. Z.** (*Festuca rubra-fallax*). Imported. Produces a compact, fine-bladed turf especially resistant to wear, tolerant of shade and adverse soil conditions. Excellent for the lawn or putting-green. Lb. \$1.25; 10 lbs. \$12.00.

**Fescue, Hard** (*F. duriuscula*). A durable, wiry grass, gray-green in color, suitable for dry, sandy soils. Should always be sown in mixture with other grasses. Lb. \$1.25; 10 lbs. \$12.00.

**Fescue, Genuine Red Creeping** (*F. rubra*). Excellent for putting-greens; also for sowing on sandy soil and in shaded places. Lb. \$1.25; 10 lbs. \$12.00.

**Fescue, Meadow** (*F. pratensis*). A hardy, broad-leaved grass of quick growth, valuable for pasture in lowlands. Lb. 65c.; 10 lbs. \$6.00.

**Fescue, Red** (*F. rubra*). Valuable for putting-greens, also for sowing on sandy soil and in shaded places. Lb. \$1.25; 10 lbs. \$12.00.

**Fescue, Sheep's** (*F. ovina*). Very similar to Hard Fescue. Lb. \$1.25; 10 lbs. \$12.00.

**Orchard Grass** (*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Lb. 75c.; 10 lbs. \$7.00.

**Red-Top** (*Agrostis alba*). One of the best grasses for immediate effect and as a nurse in lawn mixtures. Fine-bladed if mowed regularly. Adaptable to adverse soil conditions.

**Extra Fancy.** Lb. 50c.; 10 lbs. \$4.50.

**Superfine.** Lb. 55c.; 10 lbs. \$5.00.

**Rye Grass, Domestic.** A quick-growing annual grass, useful where immediate effect is desired. Lb. 35c.; 10 lbs. \$3.00.

**Rye Grass, Perennial** (*Lolium perenne*). Imported. A deep-rooted, quick-growing grass, valuable as a nurse in mixtures and excellent for pastures and hayfields. Lb. 45c.; 10 lbs. \$4.00.

**Rye Grass, Italian** (*L. italicum*). Very desirable for pasture. Comes to maturity the first season. The ideal seed for southern lawns in winter. Lb. 35c.; 10 lbs. \$3.00.

**Timothy** (*Pbleum pratense*). A grass of high value for hay and pastures. Lb. 25c.; 10 lbs. \$1.75.

## WHITE DUTCH LAWN CLOVER

Excellent for sowing with grass on lawns and other places where a thick, quick growth is desired. Especially adapted for seashore lawns. Oz. 20c.; 1/4 lb. 60c.; 1/2 lb. \$1.00; lb. \$1.75; 5 lbs. \$8.50; 10 lbs. \$16.50; 25 lbs. \$40.00.

## Grass Seed for the Farm

### Michell's Permanent Hayfield Grass Seed

We offer a well-balanced combination of grasses which will yield considerably more and better hay per acre than timothy and clover only. Sow 4 to 5 bushels per acre on new land, or 2 bushels on established fields. 5-lb. bag \$3.50; 10-lb. bag \$6.00; 25-lb. bag \$14.00; 100 lbs. \$55.00.

### Michell's Permanent Pasture Grass Seed

The grasses used in this mixture are the most nutritious for grazing and feeding purposes and will thrive under various conditions of soil and climate, assuring a rich turf throughout the entire season, year after year. Sow 4 to 5 bushels per acre on new land, or 2 bushels on established pastures. 5-lb. bag \$2.75; 10-lb. bag \$5.00; 25-lb. bag \$12.00; 100 lbs. \$40.00.

## WILD WHITE CLOVER

A remarkable new Clover in this country for improving pastures. See complete description and prices on page 17.



Permanent Pasture

ALL PRICES SUBJECT TO MARKET CHANGES



# Athletic Field Grass Seed

## FOR RECREATIONAL GROUNDS



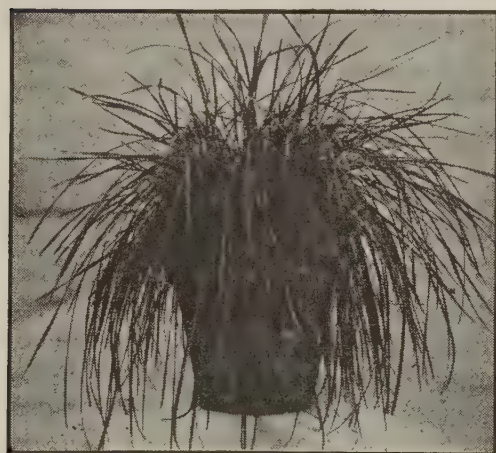
FRANKLIN FIELD, UNIVERSITY OF PENNSYLVANIA

### FRANKLIN FIELD ATHLETIC GRASS SEED MIXTURE

This special formula is the result of careful planning and exhaustive tests on the part of Mr. James Lambert, Botany Department, University of Pennsylvania, Philadelphia, and has been developed especially for football, baseball, hockey, polo, airports, and other fields where the turf is subject to hard usage. The named varieties of grasses, as shown in the four illustrations, are combined and blended to produce a vigorous growth which will give most satisfactory results. Mr. Lambert, who was in charge of these experiments, realized that a permanent turf for athletic fields presents puzzling problems, and developed this mixture based on an understanding of the difficulty in establishing and maintaining a turf that will withstand the punishing treatment to which recreation fields are subjected. We recommend it for all athletic fields as the very best for such purposes.

#### PRICES

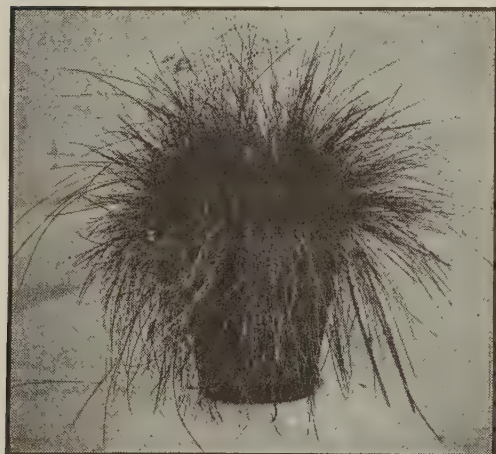
5-lb. bag .....	\$3 75
10-lb. bag .....	7 00
25-lb. bag .....	16 50
100-lb. bag .....	60 00



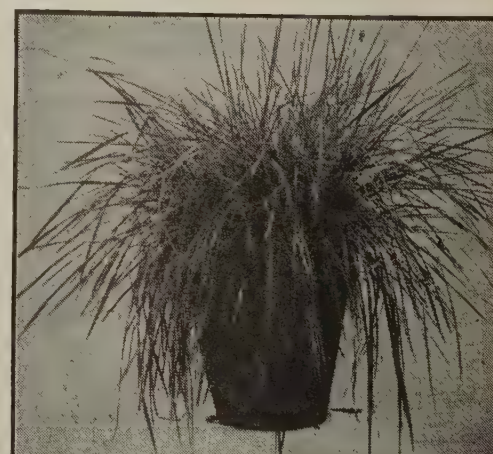
Perennial Rye Grass



Kentucky Blue



Chewing's Fescue



Red-Top



# New Introductions and All-America Winners



*Dianthus Heddensis*, Westwood Beauty

## AGERATUM

**Michell's Blue Boy.** *Novelty.* Extra dwarf. This Michell's strain is the result of many years' careful selection. The growth is uniform and even, about 4 inches high, and the plants are almost completely smothered with flowers of the richest shades of blue. Excellent for the border or rock-garden. Pkt. 25c.; large pkt. 75c.; 1/4oz. \$1.75.

## ANTIRRHINUM *Rustproof Varieties*

### MICHELL'S NEW CHERRY QUEEN (Maximum Grandiflorum Type)

Our new introduction is a fine giant Snapdragon. The color is a brilliant cerise-rose, a very bright shade under artificial light. The plant habit is compact and produces many giant upright spikes with large individual florets. This is an excellent variety for the cutting garden. Pkt. 25c.; large pkt. \$1.00; 1/8oz. \$1.50.

## ASTER, WILT-RESISTANT PRINCESS (NEW)

A very attractive new cutting type of wilt-resistant Aster, 2 to 2 1/2 feet tall, branching and free flowering, Early blooming, bearing quantities of 3 to 3 1/2-inch flowers on strong stems. Flowers have a full deep crested center, surrounded by several rows of dainty plume-like guard petals.

**Anne.** Peach-blossom-pink. Pkt. 25c.; large pkt. 75c.  
**Barbara.** Orchid. Pkt. 25c.; large pkt. 75c.  
**Bonny.** Soft salmon-rose. Pkt. 25c.; large pkt. 75c.  
**Marsha.** Rich scarlet. Pkt. 25c.; large pkt. 75c.  
**Mixed.** Finest Mixed. Pkt. 25c.; large pkt. 75c.

## ASTER, VICTORY GIANTS MIXED

*Honorable Mention, All-America Selections.* A splendid extra-early Giants of California or Comet type. Strong, sturdy plants, branching habit, growing 3 feet tall. The flowers average 5 inches across, and in a fine range of colors, including salmon-pink. A splendid type for bedding and cut-flowers. Small pkt. 25c.; large pkt. 75c.

## ASTER, SINGLE, CALIFORNIA RAINBOW

A tall single wilt-resistant Aster which is excellent for cutting. This rainbow mixture is a choice blend of colors. Pkt. 25c.; large pkt. 60c.

## CARNATION, MARGUERITE, GIANT- FLOWERING, ALL-DOUBLE, MIXED

This is an extra-selected strain in a range of 15 to 20 colors. The flowers are large, fully double, and very freely borne. Plants are of stocky upright growth, excellent for cutting. See illustration on back cover. Pkt. 25c.; large pkt. 75c.

## CENTAUREA CYANUS (CORNFLOWER; BACHELOR'S BUTTON)

Also known as Blue Bottle, Ragged Sailor, Bluet, etc. An old favorite garden annual. Excellent for cutting. 2 ft.

**MICHELL'S SUPER-GIANT STRAIN.** This super strain is the last word in giant double Cornflowers.

**Blue Boy.** Deep cornflower-blue. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Pinkie.** Clear deep pink. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Red Boy.** The best deep red. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Snowman.** Pure white. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Choice Mixture.** Pkt. 10c.; large pkt. 25c.; oz. 75c.

## CHRYSANTHEMUM, OLD ORCHARD GLORIES *Perennial*

This blend is based on a cross of Hybrid Koreans and Azaleamums. While the flowers are single, many of them will be near doubles. This mixture contains all of the delightful autumn shadings including many pinks. Seed sown outdoors in early spring will flower the same season. Pkt. 25c.; large pkt. \$1.00.

## CONVOLVULUS, DWARF ROYAL ENSIGN

Deep bright ultramarine-blue. The deepest and brightest color of all blue annuals. Used for edging borders. Pkt. 15c.; large pkt. 40c.; 1/4oz. \$1.00.

## DIANTHUS HEDDENSIS, WESTWOOD BEAUTY *Annual*

*Honorable Mention, All-America Selections.* As the type implies, this new Dianthus is the result of a cross between *Dianthus Heddwigi* and *Dianthus chinensis*, combining the large open flowers of Heddwigi and the long stems of Chinensis. Flowers single, 1 1/2 to 2 1/4 inches, deeply lacinated. The color is somewhat variable in shades of crimson and scarlet, some having attractive white edgings. Average height 16 inches. We believe this new Dianthus will become a garden favorite. Pkt. 25c.; large pkt. 60c.

## MARIGOLDS

**Dwarf French Single, Flash.** *New. Bronze Medal, All-America Selections.* The large single flowers are a brilliant tangerine and marigold-brown. As the flowers age they turn to golden orange. Plants are compact, bushy and free blooming, making this variety excellent for cutting borders. When planted in a bed they make a brilliant showing. Pkt. 25c.; large pkt. 75c.; 1/4oz. \$1.25.



Marigold, Flash



# All-America Winners and Special Novelties:

## HIBISCUS, NEW AVALON HYBRIDS

*Perennial*

An exceedingly diverse strain not only in flower form and color but in foliage and plant habit as well. Flowers are huge, and the color varies from the palest blush through pinks into vivid, rich red. Height 4 feet. Pkt. 25c.; large pkt. 75c.

## LARKSPUR, GIANT IMPERIAL, BRILLIANT ROSE (NEW)

A startling yet warm color—deep salmon-rose suffused brilliant carmine, a lighter yet more solid and clearer color than Carmine King or Dazzler. The large, round, fully double flowers are closely packed on long tapering spikes. Each plant is neat and compact, averaging 4½ feet tall with laterals branching from the base in great profusion. This attractive new Larkspur is without doubt the finest rose-pink to date. An excellent variety for cutting. Pkt. 25c.; large pkt. 60c.; oz. \$2.25.

## MARVEL OF PERU, DWARF FOUR O'CLOCK

A uniformly dwarf (18 to 20-inch) strain, well adapted for bedding or border work. Fine range of bright colors. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

## NICANDRA PHYSALODES (SHOEFLY PLANT)

The flowers are odd chalices of bright blue with white centers, after which come curiously shaped dry fruit. Annual; very easy to grow. Pkt. 10c.; large pkt. 25c.; ½oz. 75c.

## OXYPETALUM COERULEUM (ARGENTINE OR SOUTHERN STAR) *Annual*

The blossoms are inch-wide stars facing upward. The color is a most unusual blue of silver-blue pastel quality. The plants grow about 15 inches high and bloom continuously. Pkt. 25c.; large pkt. 75c.

## NEW GIANT PANSY, MICHELL'S SPRINGTIME

This is a fine new early-flowering variety, with blooms measuring 3½ to 4 inches across. The plants are of dwarf habit and commence to bloom very early in the spring. The mixture contains all the bright shades that are so popular in the spring garden. See illustration on back cover. Pkt. 25c.; large pkt. \$1.00; ½oz. \$1.75.

ALL PRICES SUBJECT TO MARKET CHANGES



Pansy, Michell's Springtime



Petunia, Bright Eyes

## NEW PETUNIAS

**Michell's Gay Lady.** This 1946 novelty Petunia is a Michell introduction in a new type of Petunia which we feel will prove very pleasing to the American gardener. The plants are very compact and erect, growing 8 to 10 inches tall, and when in full bloom form a compact mat of color. The flowers are medium sized, well fringed and ruffled, and are borne in great profusion. The color-range is a combination of pink and white to red and white. A very bright and gay mixture. Splendid for borders and bedding or growing in pots. Pkt. 35c.; large pkt. \$1.00; extra large pkt. \$1.75.

**Cheerful.** *Bronze Medal, All-America Selections.* A new dwarf single Petunia of a brand-new color and distinct growing habit. Flowers are clear salmon-pink, 2¾ inches and more across, and here and there among the mass of blooms are some a tint or two lighter than others which adds sparkle and sprightliness. At first the growth is low, spreading close to the ground; later the plants form a dwarf, densely compact mound 10 inches high, with a spread of 2 feet. Unsurpassed in garden beds and borders. It cuts well, too. See illustration on back cover. Pkt. 25c.; large pkt. 75c.

**Bright Eyes.** *Bronze Medal, All-America Selections.* Remarkable uniform Petunia of dwarf, compact habit; extremely floriferous. Plants grow 7 to 9 inches tall and are completely covered with soft light rose-pink flowers with pronounced white throat; individual blooms grow about 1½ inches across. Think of Rosy Morn and then picture Bright Eyes as a dwarfier, more compact plant with the same gay flowers, although smaller. Ideal for bedding, edging, and borders. Pkt. 25c.; large pkt. 75c.

**New Victory.** An extra-dwarf, super-giant Single Petunia. Huge deep-throated, fluted flowers, averaging up to 7 inches across. The plant habit is very dwarf, compact, bushy and free flowering. Our exclusive mixture contains a color-range of excellent light and dark shades. This is a fine variety for bedding or for exhibition. Pkt. 35c.; large pkt. \$1.00.

**New Dazzler.** The brightest and most colorful Single Petunia yet introduced. Its large blooms are brilliant shades of orange and rosy scarlet, plain and semi-ruffled gold and white-throated. Plants of dwarf compact habit. Fine for bedding or window-boxes. Pkt. 35c.; large pkt. \$1.00.

## SALVIA, ST. JOHN'S FIRE

Blooms very early, but remains in perfect condition until frost. Height 10 inches when in full bloom in August. Compact plants, upright growth, and very uniform habit. Pkt. 35c.; large pkt. \$1.00; ½oz. \$1.75.

## VERBENA, DWARF UPRIGHT

**MICHELL'S EXHIBITION.** This new dwarf upright type is a fine addition to the Verbena group. The plants are dwarf and well branched and produce large flower heads. The individual florets have distinct eyes and the color-range is a choice mixture of bright shades. This type is fine for bedding and borders. See illustration on back cover. Pkt. 25c.; large pkt. \$1.00; ¼oz. \$2.00.



# Michell's "Distinctive" Flower Seeds

FOR NOVELTIES AND SPECIALTIES, See Pages 23 and 24

During our fifty-six years of service to American garden lovers, we have always maintained a reputation for seed of superior quality. The success of our many customers in growing superior plants has strengthened our conviction that we shall supply only those varieties and strains of finest quality.

In the pages that follow, all of our Flower Seeds are arranged alphabetically. The annuals, biennials, and perennials are carefully marked so that those who are not familiar with the different kinds of plants will not be confused.

**Annuals.** These grow to maturity, bloom, ripen their seed, and die the same year. Asters, Poppies, Sweet Peas, Morning-Glories, and Zinnias are typical examples. Some of these Annuals are sown in a sunny window indoors, or in a hotbed or coldframe from March to May in order to get an early start. Seed of practically all Annuals can be sown in the open ground after danger of frost has passed.

**Biennials.** These are raised from seed started in early summer, flowering the second year, after which they die. Typical examples are Pansies, English Daisies, and Canterbury Bells.

**Perennials.** These plants live on from year to year, increasing in size and in beauty with age. Typical examples are Aquilegia, Delphinium, and Hardy Phlox. Many Perennials may be grown from seed, which is usually planted outdoors from June to September. The young plants may be carried over the first winter in a coldframe or they may be set in their permanent places in early autumn and given a light protective mulch the first season. Some Perennials are known as half-hardy and require winter protection each season, and those known as Tender Perennials require greenhouse protection over winter.

A complete index of Flower Seeds will be found on page 103. Varieties marked ★ are especially suitable for rock-gardens.

## IMPORTANT NOTICE REGARDING FLOWER SEEDS—PLEASE READ

Many varieties of flower seeds will not be available this season. The war has made it impossible to import stocks which are normally sold by the American seedsmen. Many of these sorts have never been produced in this country.

Furthermore, the labor shortage has handicapped the production in California. We, therefore, will take the liberty of substituting other good varieties wherever possible. However, we believe that the American gardener will find that our list contains sufficient good standard varieties to cover his needs. A further suggestion is to order early while present supplies last.

### Ageratum • Floss Flower

One of the best bedding plants, being literally a mass of bloom from early summer till frost.

**MICHELL'S BLUE BOY.** See page 23 for description. Pkt. 25c.; large pkt. 75c.; ¼ oz. \$1.75.

**Midget Blue.** *Silver Medal, All-America Selections.* A fine dwarf Ageratum 3 inches high with small true Ageratum-blue flowers. Small pkt. 25c.; large pkt. 75c.

**Blue Cap.** Fine, dwarf, very compact variety. Flowers larger than Little Blue Star. Pkt. 15c.; large pkt. 75c.

★**Blue Ball.** Dwarf, ball-shaped plants. Very large blue flowers. 6 in. Pkt. 10c.; large pkt. 30c.

**Blue Perfection.** Large heads of deep blue flowers. 1 ft. Pkt. 10c.; large pkt. 25c.

**Little Blue Star.** Plants densely covered with bright blue flowers. 5 in. Pkt. 15c.; large pkt. 60c.

**MEXICANUM.** Tall, pure white, fine for cutting. 2 ft. Pkt. 10c.; large pkt. 25c.



Ageratum, Michell's Blue Boy

### Acroclinium

See Everlasting Flowers, page 33.

### Alyssum ANNUAL VARIETIES

**VIOLET QUEEN.** New, dwarf, compact form, flowers of which are a pretty bright violet tint. A decidedly brilliant shade, and a variety that will come true from seed. Pkt. 15c.; large pkt. 60c.; ¼ oz. \$1.00.

**Lilac Queen.** Dwarf, compact grower. Flowers pure lilac color. 4 in. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Little Gem.** Plants dwarf, compact, densely covered with white flowers. 4 in. Pkt. 10c.; large pkt. 25c.; oz. 90c.; ¼ lb. \$3.00.

★**MICHELL'S BOUQUET.** Carpet of Snow. The dwarf, compact plants bear a perfect bouquet of miniature white flowers. Pkt. 10c.; large pkt. 40c.; oz. \$1.00.

**Sweet** (*A. maritimum*). Fragrant, white-flowering trailing variety. 6 in. Pkt. 10c.; large pkt. 25c.; oz. 60c.; ¼ lb. \$1.75.

### PERENNIAL VARIETIES

★**Rock-Garden Hybrids, Mixed.** A rare perennial species, excellent for the rock-garden. Pkt. 25c.; large pkt. 75c.

★**Saxatile compactum.** Basket of Gold. An ideal hardy perennial plant with showy golden yellow flowers in May. 1 ft. Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

★**Saxatile compactum, Silver Queen.** Pale primrose-yellow. Pkt. 15c.; large pkt. 40c.; ¼ oz. \$1.00.

### Amaranthus

These decorative foliage plants are easily raised from seed, either by starting them early indoors or sowing outdoors in May.

**Molten Fire.** Summer Poinsettia. Extremely ornamental and the most beautiful of all Amaranthus. Leaves dark bronze, center poinsettia-red. Pkt. 25c.; large pkt. 60c.

**Tricolor splendens.** Joseph's Coat. Foliage green, variegated crimson and yellow. 2 ft. Pkt. 10c.; large pkt. 25c.

**Mixed.** Pkt. 10c.; large pkt. 25c.



Amaranthus, Molten Fire

### Anchusa • Sea Bugloss

**Blue Bird.** Dwarf, compact grower. Flowers bright indigo-blue. Pkt. 10c.; large pkt. 25c.

**Capensis.** Cape Forget-me-not. A fine blue annual variety, blooming all summer. 1½ ft. Pkt. 10c.; large pkt. 25c.

**Italica, Dropmore.** Hardy perennial plant with lovely gentian-blue flowers. 3 to 4 ft. Pkt. 10c.; large pkt. 25c.

★**Myosotidiflora.** Perennial with small Forget-me-not-like blue flowers. Fine for the rockery. 15 in. Pkt. 25c.; large pkt. 75c.

### Anthemis • Hardy Marguerite

A handsome, hardy perennial, bearing daisy-like flowers all summer. Excellent for cutting.

**Tinctoria Kelwayi.** Bright yellow. 2 ft. Pkt. 10c.; large pkt. 30c.



## Antirrhinum · Snapdragon

### RUSTPROOF VARIETIES

This strain has proved excellent under wet outdoor conditions and the flowers are better than 75 per cent rustproof. 2 to 3 ft.

Each plant produces from 15 to 18 spikes, which are non-lateral, with flower heads 10 to 14 inches long.

**MICHELL'S NEW CHERRY QUEEN, Maximum Grandiflorum Type,** Rust-resistant. Our new introduction is a fine giant Snapdragon. The color is a brilliant cerise-rose, a very bright shade under artificial light. The plant habit is compact and produces many giant upright spikes with large individual florets. This is an excellent variety for the cutting garden. Pkt. 25c.; large pkt. \$1.00; 1/8 oz. \$1.50.

**Reveille, Majus Grandiflorum, R.-R. New.** This gorgeous new Snapdragon grows to a height of 22 inches and has an upright base-branching habit, each plant producing from 6 to 8 huge spikes of flowers. The color is a deep luminous yellow with the upper lip of each floret toning to a lighter lemon-yellow. The individual florets are unusually large and the plant is rust-resistant. Pkt. 25c.; large pkt. \$1.00.

ALL PRICES SUBJECT TO MARKET CHANGES



Antirrhinum, University of California

### NEW SUPER MAJESTIC

This new group is superb as a cut-flower or for bedding.

**Crimson Shades.** Garnet and ruby shades. Pkt. 25c.; large pkt. 75c.

**Dainty.** Delightful soft pink. Pkt. 25c.; large pkt. 75c.

**Orange Shades.** Orange and gold shades. Pkt. 25c.; large pkt. 75c.

**ROSE SENSATION.** Novelty. A beautiful rich rose-pink. The flowers are huge, both tube and flower being one solid color. Pkt. 25c.; large pkt. 75c.

**Super Majestic Mixture.** Pkt. 25c.; large pkt. 75c.; 1/4 oz. \$1.25.

### MAXIMUM RUSTPROOF VARIETIES

**Campfire.** Luminous scarlet, free from orange or bluish tinges. Pkt. 15c.; large pkt. 60c.

**Canary Bird.** Brilliant canary-yellow flowers very closely spaced on the stem. Pkt. 15c.; large pkt. 60c.

**Crimson.** Color pure crimson, overlaying a ground of orange, giving the effect of a fiery crimson. Pkt. 15c.; large pkt. 60c.

**Daffodil.** Two-tone daffodil-yellow. Pkt. 15c.; large pkt. 60c.

**Indian Summer.** Coppery orange and scarlet. Pkt. 15c.; large pkt. 60c.

**Loveliness.** A most attractive pure, soft rose-pink. Pkt. 15c.; large pkt. 60c.

**ROSALIE.** All-America. Rich deep rose with an underlying tone of topaz or amber. Pkt. 15c.; large pkt. 60c.

**Shasta.** Color pure white. Very early and free flowering. Pkt. 15c.; large pkt. 60c.

**YELLOW GIANT.** Striking deep yellow. Pkt. 15c.; large pkt. 60c.

**University of California Mixture.** All-America Winner. A combination of colors, the result of extensive crosses. Pkt. 15c.; large pkt. 60c.; 1/4 oz. \$1.00.

### NANUM GRANDIFLORUM Semi-Dwarf, Rustproof Varieties

Height 1 to 2 feet

**ANTIQUE GOLD.** A new color in this group—shades of old gold, copper, and orange. Pkt. 15c.; large pkt. 60c.

**Carmin-Rose.** Light carmine-rose, yellow lip. Pkt. 15c.; large pkt. 60c.

**Princess.** The colors are brilliant salmon-rose, a glowing shade under artificial lights. Pkt. 25c.; large pkt. 75c.

**Red Boy.** Bright carmine-rose and yellow. Pkt. 15c.; large pkt. 60c.

**Tangerine.** New. Brilliant bronzy orange. Pkt. 15c.; large pkt. 60c.

**Wildfire.** Orange-scarlet, yellow lip. Pkt. 15c.; large pkt. 60c.

**Mixed.** A superior mixture. Pkt. 15c.; large pkt. 50c.

### SPECIAL FORCING VARIETIES FOR GREENHOUSE CULTURE

**Afterglow.** Golden bronze. Large pkt. only, \$1.25.

**Ceylon Court.** Canary-yellow. Large pkt. only, 85c.

**Cheviot Maid Supreme.** An improvement on Cheviot Maid, deeper in color and longer stems. Large pkt. only, 85c.

**Coates' Yellow Perfection.** Fine, deep yellow. Medium early. Large pkt. only, 85c.

**Lucky Strike.** New. The best large-flowering white to date. Large pkt. only, 85c.

**Rose Queen.** Dark pink. Large pkt. only, 85c.

**Special Forcing, Mixed.** Pkt. 25c.; large pkt. \$1.00.



Arctotis grandis

### MICHELL'S GIANT TALL ANTIRRHINUM

These are not rustproof.

Flowers very large, produced on long spikes and invaluable for cutting. 2½ to 3 ft.

**Giant Brilliant Rose.** Pkt. 10c.; large pkt. 40c.

**Giant Crimson King.** Rich crimson. Pkt. 10c.; large pkt. 40c.

**Giant Golden King.** Fine golden yellow. Pkt. 10c.; large pkt. 40c.

**Giant Harmony.** Orange, shaded rose. Pkt. 10c.; large pkt. 40c.

**Giant Queen Victoria.** Pure white. Pkt. 10c.; large pkt. 40c.

**Giant Mixed.** All colors. Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

### Arctotis · African Daisy

**Grandis.** Large, daisy-like flowers; pure white on upper surface, reverse petals lilac. 3 ft. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

### Asparagus

**Plumosus nanus.** An excellent plant for house or conservatory decoration, or cutting, on account of its graceful, finely cut foliage. Pkt. 10c.; 100 seeds, 50c.

**Sprengerli.** One of the best plants to grow in hanging-baskets or window-boxes, vases, etc. Pkt. 10c.; 100 seeds, 50c.

### ASTERS (See page 27)

**SPECIAL NOTE.** While this lovely fall flower is very easily grown from seed, the greatest possible care should be exercised with the seed-bed. Old soil and boxes should never be used the second time without thoroughly sterilizing, to avoid the numerous diseases to which Asters are so susceptible. Barnyard manure should never be employed as a fertilizer; we recommend the use of fine-ground bonemeal. Asters should not be grown in the same location two years in succession.



# Michell's Superb Asters

## NOVELTY FUSARIUM-WILT RESISTANT STRAINS

We believe the following varieties are practically immune to this disease. We feel sure that by using this seed many disappointments due to crop failures will be eliminated.

**PRINCESS.** *New.* A very attractive new cutting type of wilt-resistant Aster, 2 to 2½ feet tall, branching and free flowering. Early blooming, bearing quantities of 3 to 3½-inch flowers on strong stems. Flowers have a full deep crested center, surrounded by several rows of dainty plume-like guard petals.

**Anne.** Peach-blossom-pink. Pkt. 25c.; large pkt. 75c.

**Barbara.** Orchid. Pkt. 25c.; large pkt. 75c.

**Bonny.** Soft salmon-rose. Pkt. 25c.; large pkt. 75c.

**Marsha.** Rich scarlet. Pkt. 25c.; large pkt. 75c.

**Mixed.** Finest mixed. Pkt. 25c.; large pkt. 75c.

**VICTORY GIANTS MIXED.** *Honorable Mention, All-America Selections.* A splendid extra-early Giants of California or Comet type. Strong, sturdy plants, branching habit, growing 3 feet tall. The flowers average 5 inches across, and in a fine range of colors, including salmon-pink. Really a well-balanced mixture without reds. A splendid type for bedding and cut-flowers. Small pkt. 25c.; large pkt. 75c.

**GIANT COMET, BLUE FLAME.** Bright navy-blue flowers, distinct from any other blue Aster now offered. Fully double, with long stems. Fine for cutting. Pkt. 25c.; large pkt. 60c.

**EARLY GIANT, ROSE MARIE.** *Honorable Mention, All-America Selections.* A fascinating, rich, lively shade of rose, the flowers are 4 to 5 inches in diameter, full, with broad, graceful petals, daintily plumed and intertwined. Pkt. 15c.; large pkt. 60c.

**EARLY GIANT, LIGHT BLUE.** *All-America Winner.* Flowers are large and full, with broad, graceful petals, daintily plumed and intertwined. The plants are 2 feet high and very free and early blooming. Pkt. 25c.; large pkt. 60c.

**PEACH BLOSSOM.** Very attractive, large, full-petaled flowers. A delightful shade of light pink turning to lavender-pink when fully matured. Pkt. 25c.; large pkt. 60c.

**GOLDEN SHEAF.** The deepest yellow Aster yet introduced. Flowers are fully double, with an attractive crestlike center, of good substance and fine depth of petal, on long stems. Pkt. 15c.; large pkt. 60c.

## AMERICAN BEAUTY ASTERS

Similar in type of flower and growth to the well-known Late Branching Asters, but on much longer and heavier stems.

	Pkt.	Large pkt.
<b>Azure Fairy</b> .....	\$0 15	\$0 60
<b>Carmine-Rose</b> .....	15	60
<b>Crimson</b> .....	15	60
<b>Purple</b> .....	15	60
<b>Shell-Pink</b> .....	15	60
<b>White</b> .....	15	60
<b>Mixed</b> .....	15	50

## COLLECTION

One pkt. each of above 6 colors, 65c.

## HEART OF FRANCE

	Pkt.	Large pkt.
<b>Ruby Red</b> .....	\$0 15	\$0 60

## EARLY ROYAL BRANCHING ASTERS Fusarium-Wilt Resistant Strains

An excellent strain of Early Branching Aster, of the same form and having the same good qualities as the Late Branching but blooming in July or early August.

	Pkt.	Large pkt.
<b>Azure-Blue</b> .....	\$0 15	\$0 60
<b>Lavender</b> .....	15	60
<b>Peach Blossom</b> .....	15	60
<b>Purple</b> .....	15	60
<b>Rose-Pink</b> .....	15	60
<b>White</b> .....	15	60
<b>Mixed</b> .....	15	50

## COLLECTION

One pkt. each of above 6 colors, 65c.

## CREGO'S GIANT COMET ASTERS

Gigantic flowers, often 5 inches across and with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge chrysanthemum.

	Pkt.	Large pkt.
<b>Crimson</b> .....	\$0 15	\$0 60
<b>Deep Rose</b> .....	15	60
<b>Lavender</b> .....	15	60
<b>Shell-Pink</b> .....	15	60
<b>Violet</b> .....	15	60
<b>White</b> .....	15	60
<b>Mixed</b> .....	15	50

## COLLECTION

One pkt. each of above 6 colors, 65c.

## MICHELL'S IMPROVED SEMPLE'S AMERICAN BRANCHING ASTERS

This is the finest late-blooming Aster. The deep, heavy, incurved flowers are borne on rigid stems, often 2 feet and more in length. Our Improved Strain has been secured after many years of careful selection.

	Pkt.	Large pkt.
<b>Azure-Blue</b> .....	\$0 15	\$0 60
<b>Crimson</b> .....	15	60
<b>Deep Rose</b> .....	15	60
<b>Lavender</b> .....	15	60
<b>Peerless Pink</b> .....	15	60
<b>Purple</b> .....	15	60
<b>Shell-Pink</b> .....	15	60
<b>White</b> .....	15	60
<b>Mixed</b> .....	15	50

## COLLECTION

One pkt. each of 6 colors, our selection, 65c.

## IMPROVED QUEEN OF THE MARKET ASTERS

Very desirable on account of its earliness and the freedom with which it blooms. Well-formed flowers are produced on 12-inch stems in the greatest profusion early in July. Large

	Pkt.	Large pkt.
<b>Crimson</b> .....	\$0 15	\$0 60
<b>Dark Blue. Purple</b> .....	15	60
<b>Light Blue. Lavender</b> .....	15	60
<b>Peach Blossom. Blush-pink</b> ..	15	60
<b>Rose-Pink</b> .....	15	60
<b>White</b> .....	15	60
<b>Mixed</b> .....	15	50

## COLLECTION

One pkt. each of above 6 colors, 65c.

## SINGLE CALIFORNIA RAINBOW ASTER

A tall single wilt-resistant Aster which is excellent for cutting. This rainbow mixture is a choice blend of colors. Pkt. 25c.; large pkt. 60c.

## Asters, Regular Strains Not Wilt-Resistant

## CALIFORNIA GIANT ASTERS

The large flowers are of the Crego type, with the habit and long stems of the Beauty type. Their immense size and beauty, as well as their long stems, make them very attractive.

	Pkt.	Large pkt.
<b>Dark Purple</b> .....	\$0 15	\$0 60
<b>Deep Rose</b> .....	15	60
<b>Light Blue</b> .....	15	60
<b>Peach Blossom</b> .....	15	60
<b>White</b> .....	15	60
<b>Mixed Colors</b> .....	15	60

## COLLECTION

One pkt. each of above 5 colors, 60c.

## SINGLE GIANT CALIFORNIA SUNSHINE ASTERS

The plants grow 3 feet high and bear blossoms 5 to 6 inches across, on long, stiff stems. The dual color-tone effects formed by the quilled discs and encircling guard petals are lovely beyond description.

	Pkt.	Large pkt.
<b>Mixed</b> .....	\$0 25	\$0 60

## Two Novelty Super Giant Asters

Giants of California late type, the largest yet introduced. Very artistic, due to the unusual curling and interlacing of the petals.

**EL MONTE.** A deep, glowing crimson. Flowers are large and fluffy. Very early. Pkt. 20c.; large pkt. 75c.

**LOS ANGELES.** Pure shell-pink. Stems unusually long. Pkt. 15c.; large pkt. 75c.

ALL PRICES SUBJECT TO MARKET CHANGES



Aster, Victory Giants Mixed





*Aquilegia clematiflora*

## Aquilegia • Columbine

These are among the most beautiful of spring and early summer flowers. Very effective in the herbaceous border and among shrubbery. Graceful spurred flowers on stems 2 feet or more above the fernlike foliage.

### FOUR BEAUTIFUL NEW AQUILEGIAS

#### CLEMATIFLORA, CHOICE MIXED.

New. Spurless Columbine with beautiful open flowers like clematis. Contains all colors with the exception of deep red. Pkt. 25c.; large pkt. \$1.00.

**COPPER QUEEN.** Lovely deep copper, with long spurs of deeper blue. Pkt. 25c.; large pkt. 75c.

**CRIMSON STAR.** Crimson and white. Pkt. 25c.; large pkt. 75c.

**LONGISSIMA.** The most beautiful Long-spurred Aquilegia. The flowers are of striking formation, with deep yellow petals, paler yellow sepals and spurs 4 to 5 inches or more in length. Pkt. 25c.; large pkt. \$1.00.

#### COLLECTION

One pkt. each of above 4 varieties, 80c.

### SELECT LONG-SPURRED AQUILEGIAS

The finest types. The free-flowering plants are of strong, robust growth.

**Blue Shades.** Pkt. 25c.; large pkt. 75c.

**Orange and Scarlet Shades.** Pkt. 25c.; large pkt. 75c.

**Pink and Rose Shades.** Pkt. 25c.; large pkt. 75c.

**Snow Queen.** Pure white. Pkt. 25c.; large pkt. 75c.

**Mrs. Scott Elliott's Select Strain.** Choice mixed. Pkt. 25c.; large pkt. 85c.

**Hybrids.** Mixed colors. Pkt. 10c.; large pkt. 60c.

### STANDARD VARIETIES

★**Alpina.** Blue and white. Fine for rock-gardens. 1½ ft. Pkt. 10c.; large pkt. 50c.

**Cerulea.** Rocky Mountain Columbine. Large, violet-blue and white flowers. Pkt. 10c.; large pkt. 60c.

**Californica hybrida, Mixed.** Principally yellow and orange shades. Long spurs. Pkt. 10c.; large pkt. 50c.

**Canadensis.** The scarlet and yellow native species. Pkt. 10c.; large pkt. 50c.

**Double, Mixed.** All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.40.

**Baby's Breath.** See Gypsophila, page 34.

### Bachelor's Button

See *Centaurea* and *Gomphrena*, pages 30, 33.

## Baileya multiradiata

### Desert Sun Ray

Fine annual, growing 1 foot high, with grayish green foliage. The flowers are handsome and daisy-like, 1½ inches across, composed of many bright yellow rays. Excellent as a cut-flower, and fine for dry locations. Small pkt. 25c.; large pkt. 60c.

## Balloon Vine • Love-in-a-Puff

A rapid-growing annual climber with white flowers, followed by inflated seed-pods. Pkt. 10c.; oz. 25c.

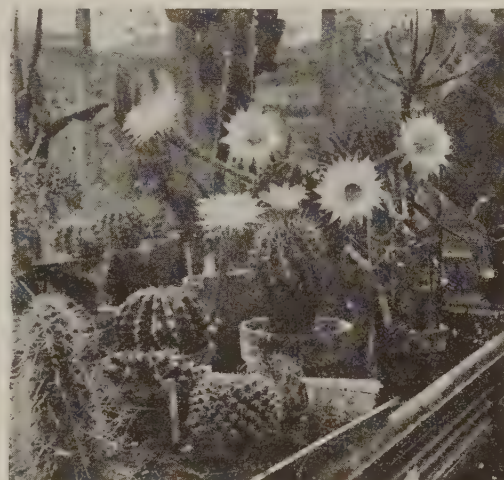
## Double Balsam • Lady's Slipper

An old and popular garden flower of easy culture. Gorgeous masses of brilliantly colored, double flowers. 2 ft.

**Camellia-flowered, Choicest Mixed.** Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

## Baptisia • False Indigo

**Australis.** A strong-growing perennial plant 3 feet high. Dark green, deeply cut foliage and spikes of dark blue, pea-shaped flowers. June and July. Pkt. 10c.; large pkt. 50c.



Cactus, Mixed

## Begonia gracilis

One of the finest outdoor flowering Begonias. 1 ft.

**Carmen.** Bright pink. Bronze foliage. Pkt. 35c.; large pkt. \$1.25.

**Indian Maid.** Bright, deep scarlet flowers and dark bronze foliage. Pkt. 25c.; large pkt. \$1.25.

**Prima Donna.** Rose, shading to carmine. Pkt. 25c.; large pkt. \$1.25.

**White Pearl.** Lovely white variety. Pkt. 25c.; large pkt. \$1.25.

## Begonia semperflorens

The following varieties are unsurpassed for bedding plants, thriving equally well in partially shaded or sunny locations. As pot-plants for winter flowering, they are superb.

**Darling.** Plants are ball-shaped, of dwarf habit, growing about 8 inches high. Flowers large and of a brilliant carmine-rose. Most effective for beds and borders. Pkt. 35c.; large pkt. \$1.00.

**Christmas Cheer.** Flowers bright crimson-scarlet and produced in immense quantities; fine for Christmas forcing. Pkt. 25c.; large pkt. \$1.25.

**Choicest Mixed.** All colors. Pkt. 25c.; large pkt. \$1.25.

## Bean, Runner

**Scarlet.** A rapid climber, flowering profusely. Grows 10 to 15 feet high. Pkt. 10c.; ½ lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

## Blue Lace Flower

See *Didiscus*, page 32.

## Brachycome

**Choice Mixed.** Swan River Daisy. A free-flowering, dwarf-growing annual, 1 foot tall, covered during the greater part of the summer with a profusion of dainty flowers. Pkt. 10c.; large pkt. 25c.

## Browallia

A favorite bedding plant, producing beautiful flowers during the summer and autumn months. Blooms well in winter if the plants are lifted in the autumn and cut back. 1½ ft.

**Elata cerulea.** Large, sky-blue flowers.

Pkt. 10c.; large pkt. 30c.

**Speciosa major.** Flowers large, ultramarine-blue. Pkt. 20c.; large pkt. 75c.

**Viscosa compacta, Sapphire.** Large, dark blue flowers with white eyes. Pkt. 20c.; large pkt. 75c.

## Cactus

**All Kinds, Mixed.** Growing Cacti from seed is easy and interesting. Seed germinates irregularly over a period of 14 to 40 days. Pkt. 25c.; large pkt. 75c.

## Calceolaria

Excellent plants for decorating the greenhouse or conservatory, producing a mass of pocketbook-like flowers.

**MICHELL'S RAMONA.** This is a *Hybrida grandiflora nana* type. It is exceptionally free flowering, of dwarf, compact habit. The flowers are large, well shaped, and beautifully tigered, and the mixture contains a fine range of color in bronze, yellow, and red. Pkt. 50c.; large pkt. \$1.25.

**Albert Kent Hybrids.** A fine English variety for either greenhouse or outdoor culture. Flowers medium size in large, graceful clusters in an excellent mixture. Pkt. 50c.; large pkt. 85c.

**Hybrida grandiflora pumila compacta.** Dwarf, compact grower, with immense trusses of large, self-colored and spotted flowers. 1 ft. Pkt. 25c.; large pkt. 85c.



*Browallia speciosa major*



# Plant Carnations for clean fragrance

## Calendula • Pot Marigold

Free-flowering, showy annuals of easy culture. 1 ft.

**SUNBEAMS.** An Exclusive Michell Novelty. An exquisite blending of many delightful shades and color combinations, from pale cream to deep orange. Flowers are of various types and forms, excellent for cutting. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.00.

**ORANGE SHAGGY.** All-America Winner. A distinct break in Calendulas. Petals long and distinctly fringed or laciniated; color, deep orange, shading to slightly lighter orange in center of blooms. Stems long. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

**Campfire (Sensation).** Fine orange variety, with a scarlet sheen and full yellow center. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

**Chrysantha (Sunshine).** All-America Winner. The large, double, clear buttercup-yellow flowers bear a striking resemblance to a chrysanthemum. Long stems. Pkt. 15c.; large pkt. 30c.; oz. \$1.00.

**Michell's Special Forcing, Orange.** Pkt. 15c.; large pkt. 50c.; oz. \$1.25.

**Ball Lemon Queen.** Medium deep yellow, with an attractive dark brown center. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

**Ball Orange.** Bright, glowing orange. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

**Lemon King.** Lemon-yellow. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Orange King.** Rich dark orange. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Mixed Colors.** Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

## Calliopsis

### ANNUAL VARIETIES

Showy and easily grown annuals. Perfect little bushes which are a mass of bloom from early summer until cut down by frost. Excellent for cutting.

**GOLDEN CREST.** Award of Merit, All-America Seed Selections. Color rich orange-yellow or gold with brown center. Many of the flowers have a double row of petals. Free flowering, with stems 1 foot long. Excellent for cutting, and has a pleasing fragrance. Pkt. 15c.; large pkt. 30c.; oz. 90c.

**Tall Varieties, Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Dwarf Varieties, Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 75c.



Calendula, Sunbeams

## Candytuft • Iberis

Dwarf, profuse-flowering garden annuals of easy culture and useful for bedding or borders. Bloom within 8 weeks after sowing.

**Carmine.** Pkt. 10c.; large pkt. 25c.; oz. 65c.

**Crimson.** Pkt. 10c.; large pkt. 25c.; oz. 65c.

**Empress (Hyacinth-Flowered).** An excellent variety. Long trusses of white flowers. Pkt. 10c.; large pkt. 25c.; oz. 65c.

**Lavender.** Pkt. 10c.; large pkt. 25c.; oz. 65c.

**Michell's Giant White.** Immense, pure white spikes of bloom. Fine for forcing under glass for cutting and for pot culture. Pkt. 10c.; large pkt. 30c.; oz. \$1.10.

**Pink.** Pkt. 10c.; large pkt. 25c.; oz. 65c.

**Purple.** Deep rich purple. Pkt. 10c.; large pkt. 25c.; oz. 65c.

**Rose-Cardinal.** Rosy red. Pkt. 10c.; large pkt. 30c.; oz. 90c.

**Choice Mixed.** All colors. Pkt. 10c.; large pkt. 25c.; oz. 75c.; ¼lb. \$2.25.

★**Gibraltaria.** Perennial. Flowers lilac, shading to white. Pkt. 10c.; large pkt. 40c.

★**Sempervirens.** Dwarf spring-flowering perennial. Flowers glistening white. Fine for rockeries. 1 ft. May. Pkt. 10c.; large pkt. 60c.

## Carnation

### ANNUAL VARIETIES

These are general favorites for their richness of color and delightful fragrance.

**MICHELL'S MARGUERITE, GIANT-FLOWERING, ALL - DOUBLE, MIXED.** This is an extra-selected strain in a range of 15 to 20 colors. The flowers are large, fully double, and very freely borne. Plants are of stocky upright growth, excellent for cutting. Pkt. 25c.; large pkt. 75c.

**GIANT ENFANT DE NICE.** Annual 20 inches high. The result of a cross between Chabaud's Giant and Perpetual. Plants are of robust habit, with long stems, producing flowers from 2½ to 3 inches in diameter.

**Red.** Blood-red. Pkt. 25c.; large pkt. 75c.

**Rose.** Deep rose. Pkt. 25c.; large pkt. 75c.

**Salmon.** Light. Pkt. 25c.; large pkt. 75c.

**White.** Pkt. 25c.; large pkt. 75c.

**Mixed.** Pkt. 25c.; large pkt. 75c.

**Rasse Teicher Strain, Mixed.** A new European variety, producing large blooms in a fine range of colors. Choice mixture. Pkt. 25c.; large pkt. \$1.00.

### CHABAUD'S GIANT

Blooms in five months after seed is sown and continues to bloom throughout the summer. Flowers of fine substance and usually come 90 per cent double.

**Jeanne Dionis.** Pure white. Pkt. 15c.; large pkt. 60c.

**Marie Chabaud.** Yellow. Pkt. 15c.; large pkt. 60c.

**Sparkler.** Brilliant cardinal-red. Pkt. 15c.; large pkt. 60c.

**The Pearl.** Beautiful rose-pink. Pkt. 15c.; large pkt. 60c.

**Choice Mixed.** Pkt. 15c.; large pkt. 60c.

### MARGUERITE CARNATIONS

These will bloom in four months after sowing the seed. The flowers are large, fragrant, and are produced continuously.

**Choice Mixed.** Pkt. 10c.; large pkt. 40c.; oz. \$2.00.

ALL PRICES SUBJECT TO MARKET CHANGES



Carnation, Chabaud's

### PERENNIAL VARIETIES

**Grenadin.** The Grenadin Carnation is an excellent early-blooming, large-flowering type. Fine for cut-flowers.

**Black King.** A fine dark red. Pkt. 25c.; large pkt. 75c.

**Cardinal.** Brilliant scarlet. Pkt. 25c.; large pkt. 75c.

**Triumph Pink.** Pure rose-pink. Pkt. 25c.; large pkt. 75c.

**White.** Snow-white. Pkt. 25c.; large pkt. 75c.

**White Gold.** Soft yellow. Pkt. 25c.; large pkt. 75c.

**Mixed.** Pkt. 25c.; large pkt. 75c.

## Campanula

### Annual Single Varieties

New varieties which bloom from seed in less than six months. Plants grow from 2 to 2½ feet high and each produces from 6 to 8 spikes of bloom.

**Blue Bell.** Another new color in Campanulas—a beautiful Cambridge-blue shade. The large flowers are borne on long, strong spikes. Pkt. 15c.; large pkt. 30c.

**Mission Bell.** This new variety is a beautiful clear pink color. Its fine large spikes of blooms are most attractive. Pkt. 15c.; large pkt. 30c.

**Wedding Bell.** Fine large spikes of pure white flowers. Pkt. 15c.; large pkt. 30c.

**Choice Mixture.** Blue, pink, and white shades. Pkt. 15c.; large pkt. 25c.

## Campanula Medium

### Canterbury Bells

Showy, hardy biennial, growing about 3 feet high, with large, bell-shaped flowers. Sow from June 1 till September 1 and when strong enough transplant to a distance of 6 inches apart. They flower the following summer, after which they die. Pkt. Large pkt. Oz.

<b>Single Blue</b> .....	\$0 10	\$0 25	\$0 85
<b>Single Pink</b> .....	10	25	85
<b>Single White</b> .....	10	25	85
<b>Single Mixed</b> .....	10	25	85

### Campanula medium calycanthema

#### Cup-and-Saucer Canterbury Bells

These produce beautiful, large, single flowers resembling a cup and saucer.

	Pkt.	Large pkt.
<b>Blue</b> .....	\$0 10	\$0 50
<b>Lilac</b> .....	10	50
<b>Pink</b> .....	10	50
<b>White</b> .....	10	50
<b>Mixed</b> .....	¼oz. 60c.	10 40



## Canary Bird Vine

*Tropaeolum canariense*

One of the most charming annual climbers, bearing hundreds of pretty, fringed, bright yellow flowers. Good for shade. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

## Castor-Oil Bean

See *Ricinus*, page 42.

## Cardinal Climber

*Quamoclit hybrida* Sloteri

A rapid grower and free bloomer. Grows to a height of 20 to 30 feet. Leaves dark green and deeply lacinated. Bears a profusion of fiery cardinal-red flowers. Pkt. 10c.; large pkt. 40c.; ¼ oz. \$1.25.

## Centaurea cyanus

Cornflower, Bachelor's Button

Also known as Blue Bottle, Ragged Sailor, Bluet, etc. An old favorite garden annual. Excellent for cutting. 2 ft.

**MICHELL'S SUPER-GIANT STRAIN.** This super strain is the last word in giant double Cornflowers.

**Blue Boy.** Deep cornflower-blue. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Pinkie.** Clear deep pink. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Red Boy.** The best deep red. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Snowman.** Pure white. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Choice Mixture.** Pkt. 10c.; large pkt. 25c.; oz. 75c.

## PATRIOTIC COLLECTION

One pkt. each Blue Boy, Red Boy, and Snowman, 25c. Large pkt. of each, 65c.

**JUBILEE GEM.** This new dwarf type is very free flowering. Fine for pots or borders. Pkt. 15c.; large pkt. 50c.; oz. \$1.75.



*Centaurea cyanus*, Jubilee Gem

## CENTAUREA IMPERIALIS

Giant Cornflower, Sweet Sultan

The finest of all Sweet Sultans for cut-flower purposes. Gigantic, beautiful, sweet-scented flowers borne on long stems. 2 to 3 ft.

**Lavender Beauty.** Large flowers, 3 to 3½ inches across. An easily grown annual, excellent for cutting. Pkt. 15c.; large pkt. 30c.

**Deep Rose**

**Lavender**

**Lilac**

**Purple**

**White**

**Choice Mixed**

Pkt. 10c.; large pkt. 25c.; oz. \$1.00

## WHITE-LEAVED CENTAUREA

Dusty Miller

Grown for their silvery foliage and used as edging plants and in hanging-baskets

**Candidissima.** Broad cut leaves of silvery gray. Pkt. 10c.; large pkt. 50c.

**Gymnocarpa.** Fine cut silvery gray foliage. Pkt. 10c.; large pkt. 25c.

## VARIOUS CENTAUREAS

**Americana.** Handsome, large, thistle-like blooms of rosy lavender. 3 ft. Pkt. 10c.; large pkt. 25c.

**Americana alba.** Pure white. Pkt. 10c.; large pkt. 25c.

## Celosia plumosa

Feathered Cockscomb

An excellent decorative plant for the garden. The feathery plumes are produced on long stems and are fine for cutting.

**Fiery Feather (Lilliput).** Ostrich Plume Cockscomb. Extra select dwarf strain; brilliant orange-red, fine for pots. Pkt. 25c.; large pkt. 75c.

**Golden Feather (Lilliput).** Ostrich Plume Cockscomb. Same type as above, with bright golden yellow flowers. Pkt. 25c.; large pkt. 75c.

**GILBERT'S MAPLE GOLD.** A new variety of *Celosia cristata* (Cockscomb). This new type grows 2 to 3 feet high, of good branching habit, each stem terminating in a lovely ball-shape cluster head that varies in size from small to 10 inches in diameter. The maple-pink heads vary in color from light to dark pink tipped with gold. Excellent for cutting and can be dried for winter bouquets. Pkt. 25c.; large pkt. 75c.

**Pyramidalis, Improved Flame of Fire.** All-America Winner. This new type is, without doubt, the finest in the Pyramidalis group. The flowers are brilliant crimson. 1½ ft. Pkt. 25c.; large pkt. 60c.

**Golden Plume.** Bright golden yellow plumes. Pkt. 10c.; large pkt. 40c.

**Heatherdell.** New Ostrich Plume Cockscomb. A fine new variety with great trusses of feathered and interlaced plumes, in a fine range of red, pink, and yellow shades. Specially adapted for pot culture. Pkt. 25c.; large pkt. 75c.

**Pride of Castle Gould, Mixed.** Immense flower-heads that closely resemble ostrich plumes. Colors are blood-red, carmine, yellow, orange, golden, orange-scarlet, etc. Pkt. 15c.; large pkt. 60c.

**Spicata.** An easy-to-grow, free-branching type, each stem terminating in a round, slender, pointed spike of bloom. The flowers at first are a soft bright rose, changing to silver-white. Pkt. 15c.; large pkt. 50c.

**Scarlet Plume.** Pkt. 10c.; large pkt. 40c.

**Choicest Mixed.** All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.



*Cineraria*, Cremer's Prize Strain

## Cerastium • Snow-in-Summer

★ **Tomentosum.** Perennial. Dwarf, white-leaved edging plant with white flowers. 1 ft. Pkt. 10c.; large pkt. 40c.

## Cheiranthus

★ **Allioni.** Siberian Wallflower. A biennial, but best treated as an annual. Orange flowers. Pkt. 10c.; large pkt. 25c.

## Chinese Woolflower

*Celosia Childsi*

Very effective for beds and borders. Ball-shaped flowers, resembling silky wool. 2½ ft.

**Crimson.** Pkt. 10c.; large pkt. 50c.

**Pink.** Pkt. 10c.; large pkt. 50c.

**Choice Mixed.** Pkt. 10c.; large pkt. 50c.

## Cineraria

Most ornamental plants for conservatory or house decoration. Seed may be sown from May to September for a succession. Our strains cannot be surpassed.

## CREMER'S PRIZE STRAIN

Wilt-Resistant

This excellent new strain is the result of a cross between *Multiflora nana*, *Hybrida grandiflora*, and *Stellata*. The flowers are larger than *Multiflora*. Plants very compact in habit, with small leaves. Choice mixed colors. Original large pkts. only, \$2.00 each.

## MULTIFLORA GRANDIFLORA MAXIMA

Flowers measure 2 to 3 inches in diameter and produce 100 blooms and over to a plant. Mixed colors only. Pkt. 50c.; large pkt. 85c.

## MULTIFLORA NANA Berlin Market Strain

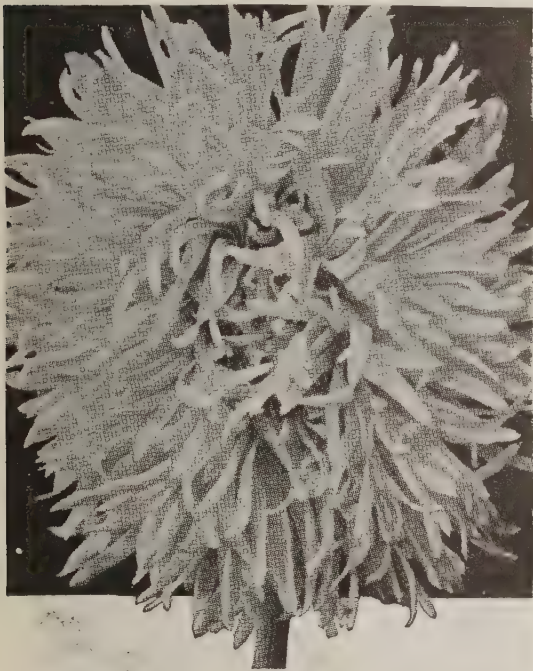
Very dwarf and compact. Flowers of large size, produced in great profusion and in a range of the best colors and shades.

**Mixed Colors.** Pkt. 50c.; large pkt. 85c.

## WHITE-LEAVED CINERARIA Dusty Miller

**Maritima candidissima.** Silvery green, lacinated foliage. Good for edging. Pkt. 10c.; large pkt. 25c.





Shasta Daisy, New Giant Double White

## Chrysanthemum ANNUAL VARIETIES

Exquisitely colored, daisy-like flowers.

**Single, Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 60c.

## PERENNIAL CHRYSANTHEMUMS

**Old Orchard Glories.** This blend is based on a cross of Hybrid Koreans and Azalea-mums. While the flowers are single, many of them will be near doubles. This mixture contains all of the delightful autumn shadings, including many pinks. Seed sown outdoors in early spring will flower the same season. Pkt. 25c.; large pkt. \$1.00.

**Shasta Daisy, Alaska.** Extra-large flowers of pure glistening white. 2 ft. Pkt. 10c.; large pkt. 40c.

**Shasta Daisy, Conqueror.** Giant, single, pure white flowers. Pkt. 10c.; large pkt. 40c.

**Shasta Daisy, New Giant Double White.** Novelty. Fine for cutting. Flowers extra large. Pkt. 25c.; large pkt. 75c.

## Clarkia elegans

A popular annual of easy culture and much used for cutting, both indoors and out.

**Double, Mixed.** All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

## Cleome • Spiderflower

**Giant Pink Queen.** *Silver Medal, All-America Selections.* Huge trusses of bright salmon-pink top the long stems of this distinctly novel plant. This Cleome is a hardy annual easily grown from seed planted directly in the border or garden. It blooms abundantly from midsummer to late fall. Height 3 to 4 feet. Pkt. 25c.; large pkt. 75c.

## Cobaea scandens Cup-and-Saucer Vine

Well-known climber of rapid growth, producing large, bell-shaped blossoms. In sowing, place the seeds edgewise and merely cover with light soil.

**Purple.** Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

## Cockscomb

See Celosia, page 30.

## Convolvulus • Morning-Glory

**Dwarf Royal Ensign.** Deep, bright ultramarine-blue. The deepest and brightest color of all blue annuals. Used for edging borders. Pkt. 15c.; large pkt. 40c.; ¼oz. \$1.00.

**Imperial.** Tall or climbing. Flowers of immense size and of a great variety of colors. Pkt. 10c.; oz. 25c.

## Coreopsis

One of our most popular perennials. The attractive flowers are borne in great profusion and are excellent for cutting.

**Lanceolata grandiflora.** Single golden yellow flowers of graceful form. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Lanceolata grandiflora fl.-pl.** Double-flowering Coreopsis. Similar in habit to the above. Flowers double and semi-double. Splendid for cutting. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Mayfield Giant.** Extra-large flowers. Plants tall and of vigorous growth. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

## Cosmos

One of the most beautiful and useful of hardy annuals, producing large, showy flowers in great profusion. Excellent for cutting.

**YELLOW FLARE.** *Silver Medal, All-America Selections.* Similar to the original Orange Flare, except in color, which is a very rich golden yellow. A striking plant for the garden, growing 3 to 4 feet tall. Pkt. 25c.; large pkt. 50c.; ¼oz. 75c.

**SEMI-DOUBLE, ORANGE RUFFLES.** *New.* A semi-double form of the ever-popular Orange Flare. The extra two or three rows of petals add immensely to the butterfly-like beauty of the richly colored orange bloom. Plants are from ten days to two weeks earlier blooming than Orange Flare. Pkt. 25c.; large pkt. 50c.; ¼oz. 75c.

**New Double Early Sensation, Mixed.** Flowers are equally as large as the regular single Sensation. Two types—fluted and crested. The crested type has a large 2-inch crested center and the fluted are so double they resemble a camellia. Available in mixture only of White, Pink, and Crimson. Pkt. 25c.; large pkt. 60c.

## DOUBLE EARLY-FLOWERING

This new early-flowering strain will begin blooming in July and continue until frost.

**Mixed.** Pkt. 25c.; large pkt. 50c.

## GIANT SINGLE SENSATION

A mammoth early-flowering variety, coming into bloom in about 10 weeks from time of sowing. Height 6 feet.

**Cardinal.** New crimson color.

**Pinkie.** Light pink.

**Purity.** Pure white.

Pkt. 15c.; large pkt. 50c.

**Mixed.** Pkt. 15c.; large pkt. 40c.; ½oz. 75c.

## SINGLE ORANGE FLARE

In full bloom in less than four months from sowing. Color, vivid orange. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

## DOUBLE LATE-FLOWERING CRESTED

These are becoming more popular each season. Excellent for cutting.

**Mixed.** Pkt. 15c.; large pkt. 50c.

## SINGLE EARLY-FLOWERING COSMOS

This early-flowering strain will commence blooming as early as July and will continue until frost. Flowers measure 3 inches across.

**Extra-Early Express, Mixed.** Pkt. 15c.; large pkt. 25c.

## LARGE EARLY-FLOWERING

4 ft.

**Crimson Pink White**

Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 60c.

## SINGLE LATE-FLOWERING

Large flowers of perfect form on long stems and lasting until frost. 5 to 6 ft.

**Giant Crimson.** Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Giant Pink (Lady Lenox).** Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Giant White (White Lady).** Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Giant Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 60c.

## Cyclamen

Beautiful winter plant for the window and greenhouse. The flowers are beautiful and the foliage is ornamental.

**Michell's Giant Show, Mixed.** Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers. All colors. Pkt. 40c.; 100 seeds \$2.00.

ALL PRICES SUBJECT TO MARKET CHANGES



Cosmos, Yellow Flare





Delphinium, New Giant Pacific Hybrids

## Cynoglossum

Chinese Forget-me-not

**FIRMAMENT.** All-America Winner. New, dwarf, compact type, 15 inches tall. Color deep ultramarine-blue. Excellent as a cut-flower. Pkt. 25c.; large pkt. 40c.

**Amabile.** An annual of easy culture, producing sprays of intense blue, forget-me-not-like flowers which are very fragrant. 2 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

## Cypress Vine

Ipomoea Quamoclit

**Mixed.** A very graceful, twining, annual climber, with delicate fernlike foliage. Seed should be soaked for a few hours in warm water before sowing. 15 ft. Pkt. 10c.; large pkt. 40c.; ¼ oz. \$1.00.

## Dahlias from Seed

There is no more fascinating flower to raise from seed than the Dahlia.

### SINGLE-FLOWERING

**Coltness Hybrids, Mixed.** Choice mixed colors. Pkt. 25c.; large pkt. 50c.

**Giant Perfection, Mixed.** Immense, single flowers of various colors and shades. Pkt. 10c.; large pkt. 40c.

### DOUBLE-FLOWERING

**Unwin's Dwarf Hybrids, Mixed.** Miniature, early-flowering, semi-double hybrids, 1½ to 2 feet high, in a wide range of colors. Pkt. 25c.; large pkt. 75c.

## Delphinium

Hardy Perennial Larkspur

One of the finest hardy perennials. Distinction and charm are added to your garden by Delphiniums. Their huge spikes form a perfect background for lower-grown plants and they are equally effective in beds, masses, or borders. They have a stateliness and beauty all their own.

**New Giant Pacific Hybrids.** This splendid new strain is, without doubt, the finest in existence. The spikes are strong and closely set, and the flowers are as large as a silver dollar. It is practically immune from mildew, and is proving a splendid variety for cut-flower purposes. We offer the originator's stock seed only.

**Black Knight Series.** Darkest of them all. Pkt. 50c.; large pkt. \$1.75.

**Blue Bird.** Medium blue, white bee. Pkt. 50c.; large pkt. \$1.75.

**Bluejay Series.** True blue. Pkt. 50c.; large pkt. \$1.75.

**Cameliard Series.** Pure lavender self tone with white bee. Pkt. 50c.; large pkt. \$1.75.

**Galahad Series.** Pure white. Pkt. 50c.; large pkt. \$1.75.

**Guinevere Series.** Light pink-lavender. Pkt. 50c.; large pkt. \$1.75.

**King Arthur Series.** Royal purple. Pkt. 50c.; large pkt. \$1.75.

**Round Table Series.** Various color combinations. Pkt. 50c.; large pkt. \$1.75.

**Summer Skies Series.** Clear light blue. Pkt. 50c.; large pkt. \$1.75.

**White Majesty.** Pkt. 50c.; large pkt. \$1.75.

**Dark Blue Shades.** Pkt. 50c.; large pkt. \$1.50.

**Light Blue Shades.** Pkt. 50c.; large pkt. \$1.50.

**Pastel Shades.** Pkt. 50c.; large pkt. \$1.50.

**Mixed.** Pkt. 50c.; large pkt. \$1.50.

**Blackmore & Langdon's Imported Strain, Mixed.** A selected English variety. Immense spikes of very large flowers. Choice mixture of colors. Pkt. 25c.; large pkt. 75c.

**English Hollyhock, Watkin Samuels' Wrexham Strain.** The finest large-flowered type to date. Immense spikes.

**Art Shades.** Pkt. 50c.; large pkt. \$1.00.

**Deep Blue Shades.** Pkt. 50c.; large pkt. \$1.00.

**Light Blue Shades.** Pkt. 50c.; large pkt. \$1.00.

**Selected Mixture.** Pkt. 50c.; large pkt. 75c.; ½ oz. \$1.00.

**Belladonna, Improved.** One of the most continuous-blooming varieties. Immense spikes of clear turquoise-blue flowers. 5 ft. Pkt. 25c.; large pkt. 60c.

**Bellamosum, Improved.** A rich, deep blue form of the popular light blue Belladonna. Pkt. 25c.; large pkt. 60c.

**Cardinale.** Very large, scarlet flowers. 3 to 4 ft. (Seed of slow germination.) Pkt. 25c.; large pkt. 60c.

**Gold Medal Hybrids, Mixed.** Produces long spikes of large flowers. An extra-fine strain containing many shades of blue. Pkt. 10c.; large pkt. 50c.; oz. \$2.50.

### ANNUAL DELPHINIUMS

**Blue Butterfly.** An annual variety of an exquisite deep blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.75.

**Cambridge Blue.** Azure-blue. 3 feet. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

**Grandiflorum album.** An annual strain with sprays of pure white flowers. 3 ft. Pkt. 10c.; large pkt. 40c.; oz. \$1.75.

**Liberty Larkspur.** Dark blue. 3 feet. Pkt. 15c.; large pkt. 40c.; oz. \$1.75.

**Chinensis Finest Mixed.** 3 feet. Pkt. 10c.; large pkt. 40c.; oz. \$1.75.

ALL PRICES SUBJECT TO MARKET CHANGES



Digitalis (Foxglove)

## Daisy, Dahlborg

A dwarf, compact edging plant, producing a profusion of small golden yellow flowers continuously from late spring until frozen in the fall. Height 8 inches. Small pkt. 25c.; large pkt. 75c.

## Didiscus

**Caerulea.** Blue Lace Flower. Improved strain. An easily grown annual which is becoming very popular. The plant grows about 1½ feet high and produces attractive, umbel-shaped flowers of lacelike appearance. Delicate azure-blue. Excellent for cutting. Pkt. 10c.; large pkt. 30c.

## Digitalis • Foxglove

Ornamental hardy plants, succeeding almost anywhere. Long spikes of beautiful, tubular-shaped flowers. 4 to 5 ft.

**Giant Shirley, Mixed.** An excellent giant strain, growing 3 to 5 feet high, with enormous spiked flowers. Pkt. 10c.; large pkt. 40c.

**Gloxiniæflora, Pink.** Pkt. 10c.; large pkt. 40c.

**Gloxiniæflora, Purple.** Pkt. 10c.; large pkt. 40c.

**Gloxiniæflora, Mixed.** Pkt. 10c.; large pkt. 40c.; oz. \$2.00.

## Dictamnus • Gas Plant

**Fraxinella.** Showy, bushy perennials, 2½ feet high. Purple-red flowers. June, July. Pkt. 10c.; large pkt. 50c.

## Dimorphotheca

**Aurantiaca.** African Orange Daisy. Bushy plants with orange-gold, daisy-like blooms on long stems. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Aurantiaca Hybrids, Mixed.** A fine mixture of colors and shades. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

## Dolichos • Hyacinth Bean

**Lablab, Mixed.** Rapid-growing annual climber bearing a profusion of purple or white bean-like flowers. Excellent for arbors, trellises, etc. Pkt. 10c.; oz. 40c.



## Dracaena

Ornamental plants for vases or conservatory decoration.

**Indivisa.** Narrow green leaves. Pkt. 10c.; large pkt. 25c.; oz. 75c.

## Dusty Miller

See *Centaurea* and *Cineraria*, page 30.

## Dianthus • Pinks

Easily raised from seed. Flower abundantly and continuously until frost.

### SWEET WIVELSFIELD

This annual is a hybrid. Seed started indoors in January and planted out in April will commence to flower in May, blooming profusely all summer in a great variation of colors. Pkt. 15c.; large pkt. 30c.

### DOUBLE ANNUAL

**Lucifer.** Brilliant orange-scarlet. Small pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Pink Beauty.** Pure pink. Small pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Snow Ball.** Large; pure white. Small pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Chinensis, Mixed.** China or India Pink. Pkt. 10c.; large pkt. 25c.; oz. 85c.

**Fringed, Mixed.** Large flowers. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

**Mixed.** Choice colors. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

### SINGLE ANNUAL

**DIANTHUS HEDDENSIS, WEST-WOODBEAUTY.** *New.* Asthetypeimplies, this new *Dianthus* is the result of a cross between *Dianthus Heddwigi* and *Dianthus chinensis*, combining the large open flowers of Heddwigi and the long stems of Chinensis. Flowers single, 1½ to 2¼ inches, deeply laciniated. The color is somewhat variable in shades of crimson and scarlet, some having attractive white edgings. Average height 16 inches. We believe this new *Dianthus* will become a garden favorite. *Honorable Mention. All-America Selections.* Pkt. 25c.; large pkt. 60c.

**Mixed.** All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.



Dianthus, Double Fringed, Mixed

## HARDY GARDEN PINKS

**Allwoodi alpinus.** A perfect gem for the rock-garden. Choice colors. 4 to 6 in. Pkt. 25c.; large pkt. 75c.

★**Cæsius.** Cheddar Pink. Produces masses of pink flowers. Fine for rockeries. Pkt. 10c.; large pkt. 50c.

**Clove-scented, Mixed.** Double and semi-double varieties in beautiful colors; fragrant. Pkt. 10c.; large pkt. 50c.

★**Deltoides, Brilliant.** Maiden Pink. Dwarf; brilliant carmine. Pkt. 15c.; large pkt. 50c.

**Double Scotch, Mixed.** Choice colors. Pkt. 10c.; large pkt. 50c.

**Latifolius atrococcineus fl.-pl.** Ever-blooming Hybrid Sweet William. Free flowering; velvety crimson-scarlet; double. Pkt. 10c.; large pkt. 30c.

**Loveliness.** *New.* An exquisite, single, mauve-pink sort, with delightful fragrance. Pkt. 25c.; large pkt. 75c.

**Pheasant's Eye, Mixed.** Single fringed flowers. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

★**Plumarius, Cyclops.** Single Perpetual Grass Pink. Assorted colors with blood-red eye. Pkt. 15c.; large pkt. 40c.

★**Rock-Garden Species.** A special mixture of 25 rare varieties well adapted for rock-gardens. Pkt. 25c.; large pkt. 75c.

## Echinocystis • Wild Cucumber Vine

**Lobata.** One of the quickest-growing vines. Excellent for covering trellises, fences, etc. Pkt. 10c.; oz. 30c.

## Everlasting Flowers

These should be grown in every garden, not only for summer blooming, but also as dried cut-flowers for winter decoration.

### ACROCLINIUM

Showy, free-flowering annual plants. Excellent for cutting. 1 ft.

**Sensation Giants.** *New.* An improved strain that grows 6 to 8 inches taller. Each flower is full double and will average 3 inches across. The colors range from medium rose to light pink shades. Pkt. 25c.; large pkt. 60c.

**Double, Mixed.** Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

### GOMPHRENA, GLOBE AMARANTH

Also called "Bachelor's Buttons." A showy annual Everlasting.

**Globosa.** Tall. Red-purple. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

**Mixed.** All colors. 2 ft. Pkt. 10c.; large pkt. 25c.

### HELICHRYSUM MONSTROSUM STRAWFLOWER

One of the best and most popular of the Everlastings. Large, double blooms. 2 ft.

**Buttercup Yellow.** Canary-yellow. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Fireball.** Crimson. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Golden Ball.** Golden yellow. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Rose-Carmine.** Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Rose Queen.** Immense flowers of a rich deep rose. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Silver Ball.** White. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Violet.** Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Choice Mixed.** Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

ALL PRICES SUBJECT TO MARKET CHANGES

## Echium

**Blue Bedder.** Deep bright blue bell-flowers, very compact. Annual plants that thrive well in poor soil. 1 to 1½ ft. Pkt. 10c.; large pkt. 25c.

## Eschscholtzia • California Poppy

An elegant, hardy annual with fine-cut foliage and large, Poppy-like flowers from June until frost. Fine for borders or large beds. 1 ft.

**Californica.** Pure yellow. Pkt. 10c.; large pkt. 25c.; oz. 60c.

**Golden West.** Large golden yellow flowers. Pkt. 10c.; large pkt. 25c.; oz. 60c.

**Mandarin.** Inside petals orange, outside petals scarlet. Pkt. 10c.; large pkt. 30c.; oz. 90c.

**Vesuvius.** Rich wallflower or coppery red. Pkt. 10c.; large pkt. 25c.; oz. 60c.

**White.** Pkt. 10c.; large pkt. 25c.; oz. 60c.

**Choice Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 50c.

## Euphorbia

Annual plants suitable for beds of tall-growing plants or mixed borders. Showy ornamental foliage. 2 to 3 ft.

**Heterophylla.** Mexican Fire-Plant. Glossy green leaves turning to orange-scarlet in midseason. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Variegata.** Snow-on-the-Mountain. Foliage veined and margined with white. Pkt. 10c.; large pkt. 25c.; oz. 75c.

### FEVERFEW

See *Matricaria*, page 36.

### FLOWERING TOBACCO

See *Nicotiana*, page 36.

### FOUR O'CLOCK

See *Marvel of Peru*, page 36.

### FOXGLOVE

See *Digitalis*, page 32.



Eschscholtzia



## Baby's Breath is a useful bouquet flower

### Gaillardia • Blanket Flower

#### ANNUAL VARIETIES

Lovely showy annuals for beds or borders. Excellent for cutting. Blooms continuously from early summer until November. 15 to 18 in.

**Indian Chief.** Single; brilliant bronzy red. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Double Annual, Mixed** (*G. picta Lorenziana*). Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Single Annual, Mixed** (*G. picta*). Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

#### PERENNIAL VARIETIES

One of the most showy hardy perennials, blooming the first year from seed if sown early. 2 ft.

★**Grandiflora, Monarch Strain.** Giant flowers in an exquisite mixture. Pkt. 15c.; large pkt. 50c.

**Grandiflora, Goblin.** A new, dwarf, compact variety especially suited for the rock-garden. The plants attain a height of 12 to 15 inches and are covered with large, showy, deep red flowers. Pkt. 25c.; large pkt. 75c.

**Grandiflora, Portola Hybrids.** Flowers of immense size, ranging through shades of bronzy red with golden-tipped petals. Pkt. 15c.; large pkt. 50c.

**Grandiflora, Tangerine.** Giant orange flowers, overlaid with red. Pkt. 25c.; large pkt. 50c.

**Grandiflora superba, Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 75c.

### Geum

Beautiful, hardy perennials bearing large, showy, double flowers all through the summer. Fine for bouquets. 1½ ft.

**Lady Stratheden.** Golden yellow. Pkt. 25c.; large pkt. 60c.

**Mrs. Bradshaw.** Brilliant scarlet. Pkt. 15c.; large pkt. 60c.

**Prince of Orange.** True orange shade; large flowers. Pkt. 25c.; large pkt. 75c.



Gaillardia, Indian Chief

### Gerbera • Transvaal Daisy

**Jamesoni Hybrids, Mixed.** Excellent greenhouse perennials with large, fine-leaved, daisy-like flowers. These hybrids include a wonderful range of brilliant colors and shades. Pkt. 25c.; 100 seeds, 75c.

### Gilia

**Capitata.** A very graceful annual, growing about 2 feet high. Lavender-blue flowers. Excellent for cutting. Pkt. 10c.; large pkt. 25c.; oz. 75c.

### Gloxinia

**Hybrida grandiflora.** Excellent greenhouse plants with flowers of the richest colors. Our seed is saved from selected plants of a collection grown by a specialist. Pkt. 25c.; large pkt. 85c.

### Godetia • Satin Flower

Beautiful and easily grown annuals producing a profusion of flowers of satiny texture.

#### SINGLE VARIETIES

**Duke of York.** Rich scarlet and white. 16 in. Small pkt. 10c.; large pkt. 30c.; ¼ oz. 75c.

**Kelvedon Glory.** Deep, glowing salmon-orange. 16 in. Small pkt. 10c.; large pkt. 30c.; ¼ oz. 75c.

**Ruby.** Rich ruby-red. 12 in. Ideal for borders. Small pkt. 10c.; large pkt. 30c.; ¼ oz. 75c.

**White Swan.** Pure satin-white. 16 in. Small pkt. 10c.; large pkt. 30c.; ¼ oz. 75c.

**Exquisite Mixed.** Small pkt. 10c.; large pkt. 30c.; ¼ oz. 75c.

### Gomphrena, Globe Amaranth

See Everlastings, page 33.

### Grasses, Ornamental

**Coix Lachrymae.** Job's Tears. A strong, broad-leaved ornamental grass with large, shining, pearly seeds. Annual. 2 to 3 ft. Pkt. 10c.; oz. 40c.

### Gypsophila • Baby's Breath

Pretty, free-flowering plants of easy culture. Excellent for cutting to mix with other flowers. 2 ft.

**Elegans alba grandiflora.** True Paris Market Strain. A fine annual variety. Delicate sprays of pure white flowers. Pkt. 10c.; oz. 30c.; ½ lb. 75c.

**Elegans carminea.** Bright carmine-rose. Pkt. 10c.; oz. 75c.

**Oldhamiana.** Hardy type. Bright pink, fragrant flowers. Pkt. 10c.; large pkt. 50c.

**Paniculata.** Hardy perennial variety with white flowers in graceful sprays. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Paniculata fl.-pl.** Perennial, with a profusion of double white flowers coming 30 to 40 per cent true. Pkt. 20c.; large pkt. 75c.

★**Repens.** A pretty dwarf, trailing perennial plant for the rockery. Tiny white flowers. Pkt. 10c.; large pkt. 50c.

#### Hardy Sweet Peas

See Lathyrus, page 35.

#### Helianthus

See Sunflower, page 43.

ALL PRICES SUBJECT TO MARKET CHANGES

### Gourd, Ornamental

Rapid-growing, interesting annual climbers with ornamental foliage and singular-shaped fruit. 15 to 20 ft.

**GREEN SNAKE.** A new strain of the Luffa or Dishcloth. The fruits will grow to a length of over 10 feet if the vines are twined on a lofty trellis. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

**Large Sorts, Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Small Sorts, Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 75c.

#### Helichrysum

See Everlastings, page 33.

### Heliotrope

A well-known and highly prized plant because of the delightful fragrance of the flowers. Fine for pots or bedding. 1½ ft.

**Light Blue Shades.** Pkt. 15c.; large pkt. 75c.

**Dark Blue Shades.** Pkt. 15c.; large pkt. 75c.

**Choice Mixed.** Pkt. 10c.; large pkt. 60c.

### Heuchera

**Sanguinea splendens.** Coral-Bells. Perennial. Bright vermilion blooms. Excellent for cutting. 30 in. Pkt. 15c.; large pkt. 75c.

**Sanguinea hybrida, Choice Mixed.** Identical to above, except in a mixture of shades. Pkt. 15c.; large pkt. 75c.

### Hibiscus • Marshmallow

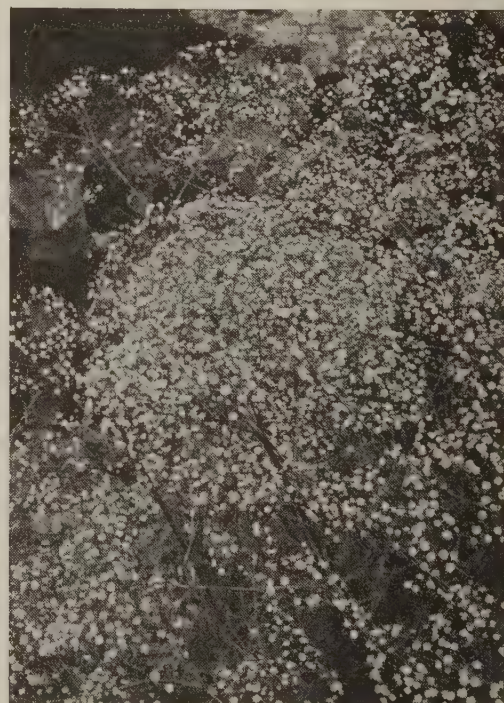
A very showy perennial, growing 4 feet high. Flowers of enormous size, often 10 to 12 inches in diameter.

**New Avalon Hybrids.** Perennial. An exceedingly diverse strain not only in flower form and color but in foliage and plant habit as well. Flowers are huge, and the color varies from the palest blush through pinks into vivid, rich red. 4 ft. Pkt. 25c.; large pkt. 75c.

**Giant Choice Mixed.** Pkt. 10c.; large pkt. 30c.

### Honesty • Lunaria; Moonwort

**Biennis alba.** Hardy biennial admired for its silvery seed-pods. Beautiful and curious. 2 ft. Pkt. 10c.; large pkt. 60c.



Gypsophila (Baby's Breath)





Larkspur, Giant Improved White King

## Hunnemannia

### Giant Yellow Tulip Poppy

Seed sown outdoors in May produces large quantities of giant, Tulip-like flowers during latter part of July and continuing for the rest of the season. 1 ft.

**Fumariaefolia.** Giant yellow variety. Pkt. 10c.; large pkt. 25c.; oz. 85c.

**Sunlite.** All-America Winner. Semi-double; bright canary-yellow. Gray-green foliage. Pkt. 10c.; large pkt. 40c.; oz. \$2.00.

## Ipomoea

**PEARLY GATES.** Silver Medal, All-America Selections. The flowers of this new variety are a lovely lustrous white with creamy shading deep down in the throat and average  $4\frac{1}{2}$  inches across. The fast-climbing vines are covered with blooms from the middle of summer until frost. Pkt. 15c.; large pkt. 60c.;  $\frac{1}{4}$  oz. 85c.

**SCARLETT O'HARA.** All-America Winner. The blooms measure from 3 to 4 inches in diameter and are a vivid scarlet. Its first flowers will begin to appear in about sixty-five days from seed and remain open all day even in the warmest weather. Pkt. 15c.; large pkt. 50c.;  $\frac{1}{4}$  oz. 75c.

**Clarke's New Early Improved Heavenly Blue Morning-Glory.** Bright blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.00.

**Noctiflora.** Moonflower. At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. Pkt. 10c.; large pkt. 25c.; oz. 60c.

## Kochia • Summer Cypress

**Childs.** An easily grown annual which forms a cypress-like hedge with feathery green foliage that turns to a deep red color. Pkt. 10c.; large pkt. 25c.; oz. 75c.

## Lantana hybrida, Choice Mixed

An easy-to-grow annual bedding plant, bearing in great profusion verbena-like flower-heads in white, rose, orange, scarlet. 2 ft. Pkt. 10c.; large pkt. 40c.

## Lavender • Lavandula vera

Well-known hardy perennial, bearing long spikes of fragrant blue flowers.  $1\frac{1}{2}$  ft. Pkt. 10c.; large pkt. 50c.

## Larkspur, Annual

Plants are of easy culture. Seed sown early in spring will produce blooming plants by July. Fernlike foliage and slender spikes with double rosette flowers. Fine for cutting or garden decoration.

### GIANT IMPERIAL

Identical in branching habit with Giant Imperial Stock. Very double flower; strong growth.

**BRILLIANT ROSE.** New. A startling yet warm color—deep salmon-rose suffused with brilliant carmine, a lighter yet more solid and clearer color than Carmine King or Dazzler. The large, round, fully double flowers are closely packed on long tapering spikes. Each plant is neat and compact, averaging  $4\frac{1}{2}$  feet tall with laterals branching from the base in great profusion. This attractive new Larkspur is without doubt the finest rose-pink to date. An excellent variety for cutting. Pkt. 25c.; large pkt. 60c.; oz. \$2.25.

**Blue Bell.** Clear light blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Blue Spire.** An intense deep Oxford-blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Carmine King.** Rich carmine. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Coral King.** Blush-pink. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Daintiness.** Delicate pale lavender. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Exquisite Rose.** A beautiful shade of rose-pink. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Gloria.** Fine deep rose. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**LILAC KING.** New. A true lilac shade. We believe this to be the best color in this ever-popular Giant Imperial Larkspur. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Lilac Queen.** Rich lilac, shading lavender-blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Lilac Spire.** Bright lilac. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Los Angeles.** Rich salmon overlaid with brilliant rose. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Miss California.** Pale shaded salmon. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**PINK KING.** New. Soft warm salmon-rose. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Pink Perfection.** Lively shade of light pink; large florets. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Sweet Lavender.** Light lavender-blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**WHITE KING.** All-America Winner. Giant, pure white flowers on long spikes. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**White Spire.** A dazzling pure white. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Choice Mixed.** Pkt. 15c.; large pkt. 30c.; oz. \$1.25.

### COCKADE

A new improved strain of base-branching Giant Imperial type; symmetrical plant with longer spikes.

**Blue Cockade.** A rich lilac-blue. Pkt. 20c.; large pkt. 50c.

**Rose Cockade.** Salmon-rose. Pkt. 20c.; large pkt. 50c.

**Sapphire Cockade.** Deep lilac. Pkt. 20c.; large pkt. 50c.

**White Cockade.** Pure white. Pkt. 20c.; large pkt. 50c.

**Mixed.** Pkt. 20c.; large pkt. 50c.

### TALL DOUBLE STOCK-FLOWERED

Plants branch freely, bearing long spikes of beautiful double flowers.  $2\frac{1}{2}$  ft.

**Mixed.** All colors. Pkt. 10c.; large pkt. 25c.; oz. 90c.



Hollyhock, Chater's

## Hollyhock

Succeeds best in rich, well-drained soil. Seed sown any time before midsummer will produce fine plants for blooming the following summer. 6 to 7 ft.

**Triumph, Mixed.** New. An excellent type of branching habit, 4 to 5 feet high, and flowering 10 days earlier than the regular type. Pkt. 25c.; large pkt. 60c.

**Chater's Double Maroon.** Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

**Chater's Double Newport Pink.** Pure pink. Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

**Chater's Double Pink.** Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

**Chater's Double Red.** Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

**Chater's Double Salmon.** Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

**Chater's Double White.** Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

**Chater's Double Yellow.** Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

**Chater's Double Mixed.** Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

### ANNUAL EVERBLOOMING HOLLYHOCK

While these are also hardy perennial varieties, if seed is sown in the house in March or April, they will bloom the first season.

**Double Everblooming, Mixed.** Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

### SINGLE HOLLYHOCK

**Mixed Colors.** Pkt. 10c.; large pkt. 25c.; oz. 75c.

## Lathyrus latifolius

### Everlasting or Perennial Pea

Showy, hardy perennial climber for covering walls, stumps, fences, etc. 6 to 8 ft.

**Crimson.** Brilliant. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Pink Beauty.** Bright rosy pink. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**White.** Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Choice Mixed.** All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

### Larkspur, Perennial

See Delphinium, page 32.





*Liatris scariosa*

## Leptosyne

One of the quickest-growing annuals, blooming in 5 weeks after sowing the seed.  
**Maritima.** Large, lemon-yellow, Marguerite-like flowers. 3 ft. Pkt. 10c.; large pkt. 30c.

## Liatris • Blazing Star

**Pycnostachya.** A showy hardy perennial border plant with long spikes of violet-purple flowers. 4 ft. Pkt. 15c.; large pkt. 60c.  
**Scariosa.** An improved strain, with larger flowers and more spreading habit than the above. Color, clear rose-purple. Pkt. 15c.; large pkt. 75c.

## Lilium • Lily

**Regale.** Perfectly hardy and also excellent for forcing. Flowers waxy white; fragrant. Pkt. 15c.; large pkt. 30c.

## Linaria • Toadflax

**Fairy Bouquet, Mixed.** Dwarf; large flowering. Choice mixture. Fine for bedding. Pkt. 10c.; large pkt. 40c.  
**Maroccana Hybrids, Mixed.** A very showy annual. 1 ft. Pkt. 10c.; large pkt. 25c.

## Lobelia

No garden is complete without an edging of blue Lobelia.  
**Cambridge Blue, Sutton's.** New. Large, light blue flowers. Dwarf, compact growth. Pkt. 25c.; large pkt. 75c.  
**Crystal Palace Compacta.** Very compact. Deep blue. The best for edging. Pkt. 10c.; large pkt. 60c.  
**Crystal Palace Speciosa.** Of trailing habit. Deep ultramarine-blue. Fine for vases. Pkt. 10c.; large pkt. 40c.  
**Michell's Blue Stone.** An excellent dwarf variety of compact growth. Plants are completely covered with large, bright blue flowers. Fine for borders or boxes. Pkt. 20c.; large pkt. 75c.  
**Sapphire.** A beautiful trailing variety of strong growth. The flowers are unusually large; deep blue, with large, clearly defined white eye. Pkt. 20c.; large pkt. 75c.

## Linum • Flax

**Grandiflorum rubrum.** Annual. Large-flowered scarlet Flax. 16 in. Pkt. 10c.; large pkt. 25c.  
**Perenne.** Hardy perennial variety with bright blue flowers. 1½ ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

## Lupinus • Lupin

### Annual Varieties

#### NEW HARTWEGI GIANTS or KING

A new and improved strain that grows from 3 to 4 feet high, with the base-branching habit. Each plant produces from 4 to 6 spikes of bloom.

**King Blue.** Enormous spikes of rich Oxford-blue color. Pkt. 15c.; large pkt. 30c.  
**King Sky-Blue.** Clear light blue. Pkt. 15c.; large pkt. 30c.  
**King White.** Glistening pure white. Giant spikes. Pkt. 15c.; large pkt. 30c.  
**Choice Mixture.** Pkt. 10c.; large pkt. 30c.  
**Rich Blue** **White**  
**Pink** **Mixed.** All colors  
**Sky-Blue**  
 Pkt. 10c.; large pkt. 25c.; oz. 75c.

## Lupinus polyphyllus

### PERENNIAL VARIETIES

Hardy perennials of easy culture. Graceful spikes of pea-shaped flowers, fine for cutting. May, June. 2 to 3 ft.

**Blue.** Pkt. 10c.; large pkt. 30c.  
**Roseus.** Pink. Pkt. 10c.; large pkt. 30c.  
**White.** Pkt. 10c.; large pkt. 30c.  
**Mixed.** Pkt. 10c.; large pkt. 30c.; oz. \$1.00.  
**New Hybrids, Mixed.** Pkt. 10c.; large pkt. 40c.; oz. \$1.25.  
**Russell.** A great variety of rich colors—deep yellows, oranges, reds, and brilliant bicolors never seen in Lupins before. The florets are large, with flat, fanlike standards and, unlike all other Lupins, most of the spikes retain their florets throughout the whole period of development. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25.

## Lychnis

Elegant hardy perennials of easy culture, for massing in large beds or borders.  
**Chalcedonica.** Rose Campion. Fine, scarlet, crosslike flowers. July. 2 ft. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

## Marvel of Peru • Four o'clock

**Dwarf Mixture.** A uniformly dwarf (18 to 20-inch) strain, well adapted for bedding or border work. Fine range of bright colors. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.  
**Choice Mixed.** Free-flowering garden favorites. 2 ft. Pkt. 10c.; oz. 60c.

## Matricaria • Feverfew

**BALL STRAIN.** A fine pure white, full double, with long stems. Fine for outdoors. Pkt. 15c.; large pkt. 50c.  
**Double White.** Hardy annual, for bedding or pot culture. White flowers. 1½ ft. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.  
**Golden Ball.** Perennial. Bright yellow flowers. Pkt. 10c.; large pkt. 60c.

## Mignonette

No garden is complete without this fragrant flower.  
**Machet.** Large, sweet-scented flowers. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.  
**New York Market.** A selected strain. Pkt. 15c.; large pkt. 75c.  
**Sweet-scented.** The popular garden sort. Pkt. 10c.; oz. 30c.

## Matthiola

**Bicornis.** Evening-Scented Stock. A desirable annual on account of its fragrance during the evening. Lilac blooms. Pkt. 10c.; large pkt. 25c.; oz. 75c.

## Morning-Glory

**Ipomœa, Pearly Gates.** The flowers of this new variety are a lovely lustrous white with creamy shading deep down in the throat and average 4½ inches across. The vigorous, fast-climbing vines are covered with blooms from the middle of summer until frost. Pkt. 15c.; large pkt. 60c.; ¼oz. 85c.

**Clarke's New Early Improved Heavenly Blue.** The well-known and popular bright blue Morning-Glory. Pkt. 15c.; large pkt. 40c.; oz. \$1.00.

**SCARLETT O'HARA.** All-America Winner. The blooms measure from 3 to 4 inches in diameter and are a vivid scarlet. They remain open all day, even in warm weather. Pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

### PATRIOTIC COLLECTION

One pkt. each above 3 varieties, 40c.  
 One large pkt. each, \$1.25

## Nemophila

**Insignis, Blue.** A pretty annual growing about 8 inches high, with light blue flowers. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

## Nicotiana • Flowering Tobacco

Showy annual plants, giving a continuous display of brilliant flowers. 2 to 3 ft.

**Affinis.** Fragrant, tubular, pure white flowers. Pkt. 10c.; large pkt. 25c.  
**Affinis Hybrids, Mixed.** Large, sweet-scented flowers in a variety of colors. Pkt. 10c.; large pkt. 25c.  
**Crimson Bedder.** Rich deep crimson. Dwarf. Pkt. 15c.; large pkt. 40c.

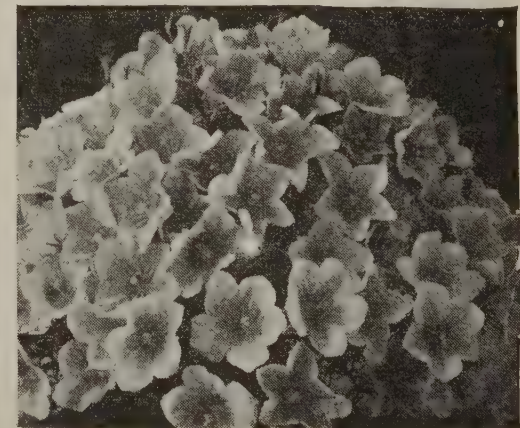
## Nierembergia

**PURPLE ROBE.** Bronze Medal, All-America Selections. Deep violet-blue that does not fade. Neat, compact habit; grows 4 to 6 inches high. Pkt. 25c.; large pkt. 75c.

★**Hippomanica.** Dwarf Cup Flower. New. Small, cuplike flowers of a lovely lavender-blue shade, with a touch of yellow in the center. Plants 5 to 6 inches tall, with 8 to 10-inch spread, and commence to flower in 15 weeks. Pkt. 25c.; large pkt. 75c.

## Nicandra

**Physalodes.** Shoefly Plant. Annual. The flowers are odd chalices of bright blue with white centers, after which come curiously shaped dry fruit. Very easy to grow. Pkt. 10c.; large pkt. 25c.; ¼oz. 75c.



*Nierembergia hippomanica*



# MARIGOLD • Tagetes

THE GOLD OF THE MARIGOLD FOR CHEER

These are old, favorite, free-flowering annuals with rich, showy flowers all summer. The Tall African varieties are well adapted for large beds or mixed borders, while the Dwarf French varieties are better suited for bedding purposes.

## TALL AFRICAN

Tall-growing, from 2½ to 4 feet high.

### MISSION GIANTS, YELLOWSTONE.

*Honorable Mention, All-America Selections.* Bright rich clear yellow counterpart to Goldsmith, the popular variety introduced last season, with large 2½-inch flowers on luxurious strong-growing plants. Height 3 to 5 feet. Pkt. 25c.; large pkt. 75c.

### GIANT CHRYSANTHEMUM-FLOWERED, GOLDSMITH.

*Bronze Medal, All-America Selections.* Plants grow 3 to 4 feet high, are very vigorous and base-branching, producing from 8 to 12 stems of large golden orange blooms. Pkt. 25c.; large pkt. 50c.

### MICHELL'S EARLY GOLDEN JUBILEE.

*Exclusive Introduction.* Large, double, chrysanthemum-like flowers in shades of golden yellow, orange, and light yellow. 3½ to 4 feet tall. Pkt. 25c.; large pkt. 60c.

### NEW GIANT CHRYSANTHEMUM-FLOWERED HYBRIDS.

These hybrids consist of many new and distinct types, varying in size of blooms from 2 to 4 inches in diameter. Colors range in all shades of orange and yellow. Plants are about 3 feet high. Pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

### Gigantea, Orange Sunset.

Flowers are unquestionably the largest Marigolds to date. Rich orange. Pkt. 25c.; large pkt. 50c.

### GIGANTEA, SUNSET GIANTS.

Exceptionally free flowering and lacks the usual Marigold odor. Mixed colors. Pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

### Alldouble Orange.

(Originator's stock.) This new variety will produce a large percentage of double flowers of a bright orange shade. Pkt. 15c.; large pkt. 50c.

### Alldouble Lemon.

(Originator's stock.) Fine clear yellow, all-double flowers. Pkt. 15c.; large pkt. 50c.

### Giant Golden Emblem.

Very large lemon-gold flowers 4 to 5 inches in diameter. Pkt. 15c.; large pkt. 50c.

### Golden Eagle.

Carnation-flowered; golden yellow. Excellent for cutting. Pkt. 10c.; large pkt. 50c.



Marigold, Sunset Giant

**Guinea Gold.** The flowers come 100 per cent double and semi-double. Clear orange, flushed gold. Pkt. 10c.; large pkt. 50c.

**Lemon Queen.** Soft lemon-yellow. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Orange Prince.** Large flowers of a deep golden orange color. Very showy. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Yellow Supreme.** Broad, loose, frilled petals, similar to Guinea Gold, of a rich creamy lemon-yellow color. 2 ft. Pkt. 15c.; large pkt. 50c.

**Large African, Mixed.** Tall; double. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

## DWARF AFRICAN

### DWARF GIGANTEA, POT O'GOLD.

*New.* Well-branched, dwarf, compact, growing 12 inches tall. Flowers are a bright deep golden orange, measuring 4 to 4½ inches across. Pkt. 25c.; large pkt. 50c.

**LITTLE GIANTS, MIXED.** The plants are compact and covered with blossoms. Pkt. 15c.; large pkt. 60c.; ¼oz. \$1.00.

## DOUBLE FRENCH

### DWARF FRENCH HARMONY TYPE, BUTTERBALL.

*Bronze Medal, All-America Selections.* Most attractive, very compact, scabiosa-flowered, canary-yellow. Grows 6 to 10 inches tall, uniform; very early flowering. Pkt. 25c.; large pkt. 50c.

### DWARF CHRYSANTHEMUM-FLOWERED, GOLDEN BEDDER.

*Bronze Medal, All-America Selections.* Bright golden orange. One of the earliest of all Marigolds. Symmetrical mounds of golden orange flowers of interesting form. Pkt. 25c.; large pkt. 50c.

### DWARF DOUBLE FRENCH, MELODY.

*Bronze Medal, All-America Selections.* The flowers are fully double, brilliant orange in color, and are of the Harmony type. The compact plants are about 12 inches high. A very early and free bloomer. Pkt. 25c.; large pkt. 50c.

### DWARF, SCARLET GLOW.

*Honorable Mention, All-America Selections.* A distinct new bronzy red color. Compact, bushy growth of about 1 foot, flowers are 1¾ to 2 inches across. The largest and brightest double red French sort. Pkt. 25c.; large pkt. 50c.

### DWARF, SPRY.

*Silver Medal, All-America Selections.* Extra dwarf, double French-type Marigold; very compact and uniform habit, about 9 inches tall, with very light orange crested center and maroon outer petals. Pkt. 25c.; large pkt. 50c.

### DWARF, HARMONY HYBRIDS.

The plants grow 12 to 14 inches high. Flowers are of medium size and the color-range includes innumerable combinations of the popular Harmony Marigold. Pkt. 25c.; large pkt. 50c.

### HARMONY TYPE, DWARF, SPOT-LIGHT.

Scabiosa-like flowers with crested centers of dainty tubular petals in a bright yellow shade which contrasts with the velvety dark mahogany-red guard petals. Pkt. 25c.; large pkt. 50c.

### SCABIOSA-FLOWERED, GOLDEN HARMONY.

*New.* A solid bright golden yellow with the same color guard petals. Pkt. 25c.; large pkt. 50c.



Marigold, Pot O'Gold

**HARMONY.** Very double flowers of deep orange with maroon collar. Free flowering. Fine for borders. Pkt. 15c.; large pkt. 40c.; ¼oz. 60c.

### DWARF ALDDOUBLE, ROYAL SCOT.

Every plant of uniform shape and height (10 to 12 inches). Color, rich mahogany and gold, in uniform stripes. Pkt. 25c.; large pkt. 40c.; ¼oz. 75c.

### Dwarf Gold-striped.

Double; brownish red, striped golden yellow. 1 ft. Pkt. 10c.; large pkt. 25c.; oz. 85c.

### Golden Ball.

Very compact. Flowers large, golden yellow. Pkt. 10c.; large pkt. 25c.; oz. 85c.

### Lemon Ball.

Pale sulphur-yellow. Plants very compact. Pkt. 10c.; large pkt. 25c.; oz. 85c.

### Mahogany.

Rich mahogany-brown. Pkt. 10c.; large pkt. 25c.; oz. 85c.

### Robert Beist.

Very large, dark maroon flowers. Pkt. 10c.; large pkt. 25c.; oz. 85c.

### DWARF, YELLOW PYGMY.

Light lemon-yellow. Grows 8 inches high. Free flowering. Pkt. 15c.; large pkt. 30c.; oz. \$1.75.

### Dwarf Double French, Mixed.

1 ft. Pkt. 10c.; large pkt. 25c.; oz. 85c.

## SINGLE FRENCH DWARF VARIETIES

### FLASH, DWARF FRENCH, SINGLE.

*New Bronze Medal, All-America Selections.* The large single flowers are a brilliant tangerine and marigold-brown. As the flowers age they turn to golden orange. Plants are compact, bushy, and free blooming, making this variety excellent for cutting borders. When planted in a bed they make a brilliant showing. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25.

**Legion of Honor (Little Brownie).** Single golden yellow, velvety flowers with a large spot of crimson. Early flowering. 9 in. Pkt. 10c.; large pkt. 25c.; oz. 85c.

**Signata pumila (Tagetes).** Golden yellow. Excellent for edging. 10 in. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

ALL PRICES SUBJECT TO MARKET CHANGES



## These Pansy Mixtures are highly recommended

### TALL DOUBLE FRENCH MARIGOLDS

**Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 90c.

### SINGLE FRENCH TALL VARIETIES

#### Tall French, Australian Giant or Tree.

Very late flowering, with masses of brownish yellow flowers. Excellent for cutting. 5 ft. Pkt. 15c.; large pkt. 40c.

**Tall Single French, Josephine.** Dark brown with gold edges. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

### COLLARETTE

**Crown of Gold.** Orange flowers, having crested centers, with broad guard petals. Odorless foliage. Pkt. 15c.; large pkt. 40c.; ¼ oz. 75c.

### LIEB'S WINTER-FLOWERING

A fine forcing variety. Color mahogany-brown, golden yellow crested center. Pkt. 25c.; large pkt. 60c.

## Michell's Giant Nasturtiums

Nasturtiums are among the best known and most popular of hardy annuals. Easily grown, and producing a great profusion of brightly colored flowers from within a few weeks after they are sown until they are killed by frost.

### NEW DWARF DOUBLE

**Scarlet Globe.** Perfect, compact plants of globe-shaped growth about 1 foot tall. Giant double and semi-double, sweet-scented, fiery scarlet blooms in great profusion. Pkt. 10c.; oz. 50c.

**Golden Globe.** All-America Winner. Identical in color with the popular Golden Gleam, but of dwarf, compact growth. Free flowering. Very double and sweet-scented. Pkt. 10c.; oz. 50c.

**Gem Mixture.** Free-flowering, semi-double, sweet-scented flowers in an excellent color-range, and containing both light- and dark-flowering plants. Pkt. 10c.; oz. 50c.; ¼ lb. \$1.75.

#### Michell's Giant-flowering Dwarf, Mixed.

This is one of the finest mixtures, composed of the largest and best named varieties and is unsurpassed for brilliancy of color. Pkt. 10c.; oz. 25c.; ¼ lb. 90c.; lb. \$3.00.



Nasturtium, Double Gleam Hybrids

### DWARF or BEDDING • TOM THUMB

Of dwarf, compact growth, excellent for borders or for bedding, forming plants about 1 foot high by 1 foot across.

### Double Nasturtium Novelties

#### All-America Winners

This type is of the semi-trailing habit and is a new development in Nasturtiums. The plant forms a vigorous bush which throws out short runners averaging 18 inches. The flowers are very large and double and exceedingly sweet-scented. Another feature is that the blooms stand well above the foliage and are excellent for cutting; well adapted for pot culture.

**Golden Gleam.** (Bodger.) Large, golden yellow, semi-double, sweet-scented flowers. Pkt. 10c.; oz. 50c.; ¼ lb. \$1.75.

**Scarlet Gleam.** (Bodger.) The flowers are fiery orange-scarlet, 3 inches across, and uniformly double, with lush green foliage. Pkt. 10c.; oz. 50c.; ¼ lb. \$1.75.

**Gleam Hybrids.** (Bodger.) Gorgeously colored, large, well-formed flowers of dazzling beauty. A very brilliant mixture. Pkt. 10c.; oz. 50c.; ¼ lb. \$1.75.

## Michell's Pansies

The new Pansies are delightful. They will enhance your garden in their entrancing new colors, size and grace.

Strictly considered, this is a biennial, but the fact that it flowers the first season from seed recommends it as an annual. There are actually three seasons in which Pansies can be planted: If started in the house from February until April, Pansies will begin to bloom from July on; sown outdoors in May, beautiful flowers are produced in the fall; sown in frames during July and August, and transplanted later, they give us the main crop of flowers the following spring.

### GIANT or BEDDING PANSIES

**Yellow Shades.** Without blotches. A magnificent strain. Giant flowers. Plants of compact, dwarf habit. Fine for bedding for mass effect in borders. Pkt. 25c.; large pkt. 75c.; ½ oz. \$1.25.

#### Lord Beaconsfield, Improved Strain.

Deep velvety violet, shading to white at the margins of the upper petals. Free flowering, excellent for bedding. Pkt. 25c.; large pkt. 75c.; ½ oz. \$1.25.

### Giant-flowering Mixtures AMERICA

A very selected dwarf strain and free flowering. Comes in a fine mixture of popular shades. American-grown seed. Pkt. 25c.; large pkt. \$1.00.

Broaden your flower knowledge by trying each season some things you are not acquainted with. You will have many pleasant surprises.

### TALL or CLIMBING NASTURTIUMS

For covering trellises, fences, arbors, piazzas, trailing from vases, over rockwork, etc., nothing can equal the gorgeous effect produced by their great quantities of bloom from early summer until frost. The seed-pods can be gathered while green and tender, for pickling. 8 to 10 ft.

#### Michell's Giant-Flowering, Mixed Tall.

This mixture cannot be excelled for large size and beautiful colors of the flowers. Composed of the largest and finest varieties. Pkt. 10c.; oz. 25c.; ¼ lb. 90c.; lb. \$3.00.

### Nemesia

**Strumosa Suttoni.** A fine annual, with large flowers varying in color from creamy white to deep orange and carmine. ½ ft. Pkt. 15c.; large pkt. 60c.

### Oxypetalum

**Coeruleum.** Argentine or Southern Star. Annual. The blossoms are inch-wide stars facing upward. The color is a most unusual blue of silver-blue pastel quality. The plants grow about 15 inches high and bloom continuously. Pkt. 25c.; large pkt. 75c.

### MAPLE-LEAF GIANTS

This new variety has giant flowers measuring 4 to 6 inches across, perfectly round, and in a great variety of colors. Pkt. 25c.; large pkt. 75c.

**Michell's New Swiss Giants.** A new strain with enormous flowers and containing many unusual colors, such as salmon, pink, red, blue, yellow, etc., all beautifully blotched. Pkt. 50c.; large pkt. \$1.25.

### New Giant Pansy, Michell's Springtime

This is a fine new early-flowering variety, with blooms measuring 3½ to 4 inches across. The plants are of dwarf habit and commence to bloom very early in the spring. The mixture contains all the bright shades that are so popular in the spring garden. Pkt. 25c.; large pkt. \$1.00; ½ oz. \$1.75.

### Engelmann's Special Mixture

A new variety and a truly Giant Pansy that is in a class by itself. Flowers 3 to 4 inches across, on long, heavy stems and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades. Pkt. 50c.; large pkt. \$1.00.

**Michell's Giant Exhibition.** Flowers of immense size, very heavy texture, and of the most brilliant colors. Pkt. 25c.; large pkt. 75c.; ½ oz. \$1.75; ¼ oz. \$3.00; oz. \$10.00.

ALL PRICES SUBJECT TO MARKET CHANGES





Pansies, America

### Swiss Giant Pansies

- Alpenglow.** Cardinal-red shades with dark blotches. Pkt. 25c.; large pkt. \$1.00.
- Berna.** Very rich, velvety purple-violet, of extra quality. Pkt. 25c.; large pkt. \$1.00.
- Coronation Gold.** Round canary-yellow flowers as much as 3 inches across, with slightly ruffled edges and lower petals flushed golden orange. Pkt. 25c.; large pkt. \$1.00.
- Lake of Thun.** A distinct marine-blue variety, with deep blue blotches. Pkt. 25c.; large pkt. \$1.00.
- Luna.** Soft sulphur-yellow with frilled edges. Pkt. 25c.; large pkt. \$1.00.
- Pure White.** The best giant pure white. Pkt. 25c.; large pkt. \$1.00.
- Rheingold.** Deep golden yellow, with black blotches on the three lower petals. Pkt. 25c.; large pkt. \$1.00.
- Improved Swiss Giants.** Flowers large, with overlapping petals in many brilliant colors and shades. Excellent for greenhouse culture. Pkt. 25c.; large pkt. 85c.; 1/4oz. \$1.75.
- Dwarf, Swiss Choice Mixed.** For those who desire a dwarf and more compact type than the original, we highly recommend this new strain. Very free flowering and in a great variety of colors. Pkt. 25c.; large pkt. 75c.
- Trimardeau, Choice Mixed.** Free-flowering, medium size flowers. Excellent for bedding. Pkt. 15c.; large pkt. 75c.

### Portulaca • Sun-Plant

Brilliant, hardy annual of easy culture, excellent for massing in beds, edging, or rock-work, thriving best in a light, sandy soil and a sunny situation.

#### DOUBLE-FLOWERING

A select strain that will produce from 60 to 80 per cent double flowers.

**Mixed.** Pkt. 10c.; large pkt. 50c.; 1/4oz. \$1.50; oz. \$5.00.

#### SINGLE-FLOWERING

**Choice Mixed.** Pkt. 10c.; large pkt. 40c.; 1/4oz. \$1.00; oz. \$3.50.

## Michell's Petunias

No other flower has achieved more popularity. The Petunia is a plant that can be attractively used in an endless number of ways. New and charming colors and forms add to the interest of these indispensable garden flowers. They thrive in various climatic conditions and can be used as a perennial border, or in a rock-garden; they also effectively combine with other garden flowers and a garden entirely of Petunias is a delightful picture.

For freedom of bloom, variety of color, and effectiveness, the Petunia has few equals, for the flower garden, porch or window-box. They commence blooming early and continue until killed by frost. We call special attention to our Large-Flowering Strains, which for size and brilliancy of coloring cannot be surpassed.

### A.-A. SELECTIONS WINNERS

**CHEERFUL.** *Bronze Medal, All-America Selections.* A new dwarf single Petunia of a brand-new color and distinct growing habit. Flowers are clear salmon-pink, 2 3/4 inches and more across, and here and there among the mass of blooms are some a tint or two lighter than others, which adds sparkle and sprightliness. At first the growth is low, spreading close to the ground; later the plants form a dwarf, densely compact mound 10 inches high, with a spread of 2 feet. Unsurpassed in garden beds and borders. It cuts well, too. Pkt. 25c.; large pkt. 75c.

**BRIGHT EYES.** *Bronze Medal, All-America Selections.* Remarkable uniform Petunia of dwarf, compact habit and extremely floriferous. Plants grow 7 to 9 inches tall and are completely covered with soft light rose-pink flowers, with pronounced white throat; individual blooms grow about 1 1/2 inches across. Think of Rosy Morn and then picture Bright Eyes as a dwarf, more compact plant with the same gay flowers, although smaller. Ideal for bedding, edging, and borders. Pkt. 25c.; large pkt. 75c.

**IGLOO.** *Bronze Medal, All-America Selections.* This new extra-compact Petunia produces pure white flowers of medium size with a slight yellow throat, and coming 100 per cent true. The plants are uniformly compact throughout the season, and continue to flower until frost. When in bloom they are a perfect mound of white, 8 to 10 inches in height, reminding one of an Eskimo igloo. This variety is ideal for borders. Pkt. 25c.; large pkt. \$1.00.

**ENGLISH VIOLET.** *Honorable Mention, All-America Selections.* A new and most pleasing shade of violet-blue Petunia, different from any other of the mid-blue varieties. It is almost the same beautiful color as English violets. Very important, it will hold this uniform color throughout the season. The plants grow normally 15 inches high, quite compact, and we believe the best made blue dwarf bedding Petunia yet introduced. Pkt. 25c.; large pkt. 75c.

**COLLECTION:** One pkt. each of above All-Americans, 4 varieties, 85c.

### Outstanding Petunias Exclusive with Michell's

**MICHELL'S GAY LADY.** This 1946 novelty Petunia is a Michell introduction in a new type of Petunia which we feel will prove very pleasing to the American gardener. The plants are very compact and erect, growing 8 to 10 inches tall and when in full bloom form a compact mat of color. The flowers are medium sized, well fringed and ruffled, and are borne in great profusion. The color-range is a combination of pink and white to red and white. A very bright and gay mixture. Splendid for borders and bedding or growing in pots. Pkt. 35c.; large pkt. \$1.00; extra large pkt. \$1.75.

**New Victory.** An extra-dwarf, super-giant single Petunia. Huge, deep-throated, fluted flowers, averaging up to 7 inches across. The plant habit is very dwarf, compact, bushy and free flowering. Our exclusive mixture contains a color-range of excellent light and dark shades. This is a fine variety for bedding or for exhibition. Pkt. 35c.; large pkt. \$1.00.

**New Dazzler.** The brightest and most colorful single Petunia yet introduced. The large flowers are brilliant shades of orange and rosy scarlet, plain and semi-ruffled, gold-and-white-throated. Plants of dwarf, compact habit. Fine for bedding or window-boxes. Pkt. 35c.; large pkt. \$1.00.

**New Improved Admiral.** A very superior selected strain. Flowers are a rich violet-blue, slightly waved. The plants are compact and upright in habit. Pkt. 35c.; large pkt. \$1.00.

**COLLECTION:** One pkt. each of above 4 superb Petunias, \$1.25



Petunia, Cheerful

ALL PRICES SUBJECT TO MARKET CHANGES



## MICHELL'S PETUNIAS, continued



Petunia, English Violet

### Single-flowered Grandiflora

**FLAMING VELVET.** Rich, brilliant, velvety blood-red, medium-sized flowers. Pkt. 25c.; large pkt. 50c.

**General Dodds.** A fine bedding variety. Rich velvety blood-red blooms. Pkt. 10c.; large pkt. 50c.

**Howard's Star, Improved.** Produces a profusion of crimson-maroon flowers, with a distinct five-pointed white star. Pkt. 15c.; large pkt. 60c.

**TOPAZ ROSE.** All-America Winner. The color of this new Petunia is a fiery, velvety rose, slightly suffused with gold. Pkt. 25c.; large pkt. 75c.

### Single Large-flowered Plain-edged

**MICHELL'S DWARF ELK'S PRIDE.** A really dwarf type of this popular Petunia in which the straggly habit is entirely lacking. The color is the well-known royal purple. Pkt. 25c.; large pkt. 85c.

**Purple Prince.** Large, fine, velvety purple flowers. Pkt. 25c.; large pkt. 75c.

**SNOWSTORM.** A fine large-flowering, plain-edged, pure white variety. Very free flowering. Good as a pot-plant and for bedding. Pkt. 25c.; large pkt. 85c.

### Portland Petunias

For planting of veranda boxes and for choice potted plants, or for bedding out, these Petunias in select colors never fail to please.

**Elk's Pride.** Large, deep royal purple blooms. Pkt. 25c.; large pkt. 75c.

**Pink Triumph.** Clear, bright pink, delicately fringed. Pkt. 25c.; large pkt. 75c.

**Mixed Colors.** Pkt. 25c.; large pkt. 75c.

### Dwarf Single Small-flowered Sorts

#### NEW VARIETIES (1 foot)

**CREAM STAR.** Silver Medal, All-America Selections. Moundlike plants 8 to 10 inches tall, bloom madly from early summer until frost, the bloom literally hiding the foliage. Each dainty white flower is marked with a cream-colored star. Pkt. 25c.; large pkt. 75c.

**GLOW, NANA COMPACTA.** Silver Medal, All-America Selections. Medium-sized single flowers of a very intense glowing carmine-rose, measuring  $2\frac{1}{2}$  inches across, are borne in great profusion on dwarf plants. Pkt. 25c.; large pkt. 75c.

**VELVET BALL (Dwarf Flaming Velvet).** All-America Winner. The plants reach a height of about 8 inches and the blooms are comparatively large, being about  $2\frac{1}{2}$  inches in diameter, well shaped, deep velvety blood-red. Pkt. 25c.; large pkt. 75c.

### Dwarf Single Small-flowered

#### STANDARD SORTS (1 foot)

**Bluebird.** An excellent bedding variety. Medium-sized flowers of a deep blue color. Pkt. 15c.; large pkt. 50c.

**Celestial Rose.** Compact; deep rose. Excellent for bedding. Pkt. 15c.; large pkt. 50c.

**Dwarf Inimitable.** Dwarf, compact habit. Profuse bloomer. Flowers striped and blotched. Pkt. 10c.; large pkt. 50c.

**Silver Blue (Heavenly Blue).** Makes a fine bedding variety combined with Rosy Morn. Pkt. 15c.; large pkt. 50c.;  $\frac{1}{4}$  oz. \$2.25.

**King Henry.** Free flowering; dwarf, compact habit. Blood-red color. Pkt. 25c.; large pkt. 75c.

**MARTHA WASHINGTON.** A ruffled or frilled, dwarf, compact type, about 9 inches high. Blush-pink, center veined wine-red. Pkt. 25c.; large pkt. 75c.

**Periwinkle Blue.** Flowers are a delightful shade of pastel blue. Resembles very much the perennial Vinca. Pkt. 15c.; large pkt. 50c.

**Rosy Morn.** Dwarf, bushy plants, bearing in great profusion brilliant rose-colored flowers with white throats. Pkt. 10c.; large pkt. 50c.;  $\frac{1}{4}$  oz. \$1.25.

**Rose of Heaven.** Rich, brilliant rose color. Pkt. 10c.; large pkt. 60c.;  $\frac{1}{4}$  oz. \$1.25.

**SALMON SUPREME.** Free-flowering. Soft salmon-pink. Pkt. 25c.; large pkt. 75c.

**Snowball.** A fine, compact sort, producing a profusion of satiny white flowers. Pkt. 10c.; large pkt. 75c.

**TWINKLES.** Brilliant rose, starred white. Fine bedding sort. Pkt. 25c.; large pkt. 75c.

**Violacea.** Plants of erect, dwarf type. Beautiful deep violet flowers. Pkt. 15c.; large pkt. 60c.

**Choice Mixed.** Pkt. 10c.; large pkt. 40c.;  $\frac{1}{4}$  oz. \$1.00; oz. \$3.00.

### PETUNIA PATRIOTIC COLLECTION

General Dodds (Red)

Snowball (White)

Bluebird

1 packet each of above.....30c.

1 large packet each.....\$1.50

### Dwarf Single Nana Compacta, Mixed.

A dwarf-flowering type with medium-size flowers produced in profusion. Excellent for bedding and borders. Choice mixed colors. Pkt. 25c.; large pkt. 75c.

### Balcony Petunias

A fine, large-flowering, free-blooming type suitable for vases, window- or porch-boxes; also valuable for bedding.

**Blue.** Rich indigo-blue. Pkt. 15c.; large pkt. 60c.

**Cornflower Blue.** Bright blue. Pkt. 15c.; large pkt. 60c.

**Crimson.** Rich velvety crimson. Pkt. 15c.; large pkt. 60c.

**Rose.** Rose-pink. Pkt. 15c.; large pkt. 60c.

**White.** Pure white. Pkt. 15c.; large pkt. 60c.

**Mixed Colors.** Pkt. 15c.; large pkt. 60c.

### Single Ruffled Giants with Veined Throats

**CALIFORNIA GIANTS, DWARF RAMONA STRAIN.** An excellent new dwarf strain of California Giants. Very compact. Fine for pots. Pkt. 25c.; large pkt. 85c.

### GLAMOUR, GIANTS OF CALIFORNIA.

Honorable Mention, All-America Selections. A luscious shade of salmon-rose in the Giant Ruffled Petunia type, faintly veined brown in the creamy open shallow throat. Strong, robust, extremely free-blooming. Pkt. 25c.; large pkt. 85c.

**California Giants.** One of the largest flowered varieties. Bright, desirable colors. Robust plants. Pkt. 25c.; large pkt. 75c.

### Large Single Fringed

#### MICHELL'S SUPER FLUFFY RUFFLES.

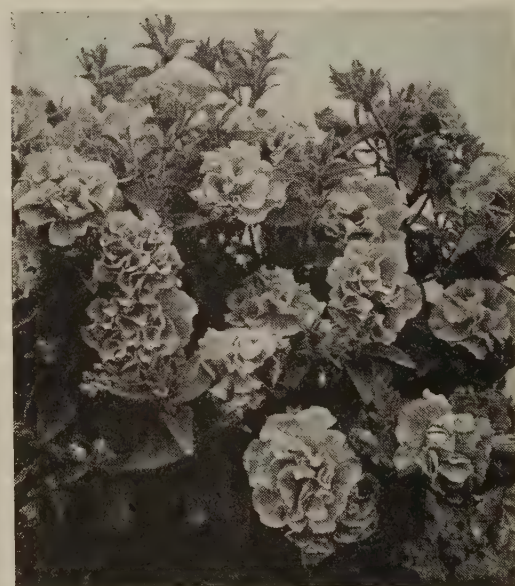
Splendid new strain with beautifully ruffled and fringed flowers that at first glance appear fully double. The color is a lovely blending of rose and salmon shades. Pkt. 25c.; large pkt. 85c.

**Micell's Giant Fringed, Mixed.** Flowers large, beautifully fringed and ruffled. Pkt. 25c.; large pkt. 85c.

#### THEODOSIA, Micell's Improved Strain.

New. Large brilliant rose-pink, with full open throat. Pkt. 25c.; large pkt. 85c.

ALL PRICES SUBJECT TO MARKET CHANGES



Petunia, Alldouble America



## Double Petunias

**ALDOUBLE AMERICA.** *Silver Medal, All-America Selections.* This alldouble Petunia produces rose-pink flowers of medium size—2 inches or more across. Plants are Hybrid nana compacta, 1 foot in height and 18 inches in width, making them ideal for beds, borders, edgings, or pot-plants. Very early flowering. Pkt. 50c.; large pkt. \$2.00.

**Double Fringed, Mixed.** Flowers of large size, beautifully fringed and embracing a splendid variety of colors. Pkt. 50c.; 500 seeds, \$1.25.

**Choice Double, Mixed.** A good mixture. Pkt. 25c.

## How to Sow Double Petunia Seed

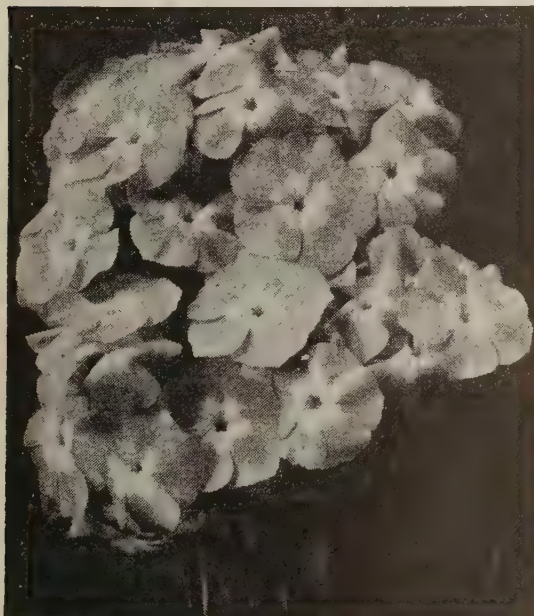
The seed of Double Petunias is very fine and should be sown inside in flats or pots, using a mixture of finely sifted soil, with the addition of some sand. Thoroughly water the soil and then lightly scatter the seed on the surface. Do not cover the seed with soil. The receptacle should be covered with a sheet of newspaper and a pane of glass, and kept in a warm location until the seedlings start to grow. It is important not to discard the small seedlings, as these usually produce the best double flowers.

## Phlox Drummondii

One of our finest hardy annuals and should occupy a prominent place in every garden.

**GIGANTEA, RED GLORY.** *Honorable Mention, All-America Selections.* Here is the brightest color that we have ever seen in a Phlox. It is a brilliant red with a contrasting white eye which seems to intensify the red into an unbelievable sharpness. Red Glory is identical in type, habit of growth, and size of bloom to the Gigantea Art Shades. It is free flowering and a continuous bloomer. Pkt. 25c.; large pkt. 75c.

**GIGANTEA, ROSY MORN.** *Bronze Medal, All-America Selections.* Flowers are a combination of rose-pink with a white eye, larger than a half dollar. Free-flowering and will not fade in the sun. Pkt. 25c.; large pkt. 75c.



Phlox, Rosy Morn

## SALMON GLORY

All-America Winner

The individual flowers are gigantic for Phlox, measuring from 1 to 1½ inches in diameter, of pure salmon-pink color with a distinct creamy white throat. Pkt. 25c.; large pkt. 60c.

## GIGANTEA ART SHADES, MIXED

All-America Winner

A strain with flowers 1¼ to 1½ inches in diameter. In many pleasing art shades. Plants grow about 9 inches high. Choice mixture only. Pkt. 15c.; large pkt. 50c.; ¼oz. \$1.60.

## GRANDIFLORA

Large heads of bloom, as well as large individual flowers. 12 to 15 inches.

**Choice Mixed.** Pkt. 10c.; large pkt. 40c.; ¼oz. \$2.00.

## Hardy Phlox

**Decussata, Mixed.** Tall-growing, perfectly hardy plants, with immense trusses of large flowers in all bright colors. Pkt. 10c.; large pkt. 75c.; ¼oz. \$1.25.

Pinks

See Carnation, page 29, and Dianthus, page 33.

## Michell's Primulas

### PRIMULA OBCONICA GIGANTEA

**WYASTON WONDER.** *New.* The largest-flowered *Primula obconica*. Individual florets are huge and the color a bright crimson. Pkt. 50c.; large pkt. \$1.25.

**Monster, Mixed.** An extra-large strain of this *Primula*. Pkt. 40c.; large pkt. \$1.25.

## Michell's Poppies

One of our favorite and most popular flowers, producing, during the blooming period, a profusion of brilliant colors and shades. Seeds should be sown as early in the spring as possible, where they are to remain, as they do not stand transplanting. Sow very thinly and barely cover the seed, press down firmly, and they will come up in a few days. Several sowings of the annual varieties may be made at intervals to have a succession of bloom.

## SINGLE ANNUAL

**NORMANDY RED.** *New.* Large single flowers of a brilliant orange-scarlet—a very striking and showy annual. Splendid for beds or borders. Pkt. 25c.; large pkt. 75c.

**Michell's Shirley, Mixed.** This lovely race of Poppies varies in color from pure white and delicate pink to rosy carmine and deep crimson. Pkt. 10c.; large pkt. 25c.; oz. 75c.

## FLANDERS

This is the well-known Poppy of Flanders fields so often mentioned in songs and stories of the Great War. Medium-sized, scarlet flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.

## DOUBLE ANNUAL POPPIES

**Improved Shirley, May Queen, Mixed.** A reselected strain. Large, double flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.



Oriental Poppy,  
Mrs. Perry

## ICELAND POPPIES, *Papaver nudicaule*

While these are hardy perennials, they flower the first year from spring-sown seed. They are of graceful habit, with fernlike foliage. The satin-like flowers are borne in endless profusion, excellent for cutting. 1 ft.

**GARTFORD GIANT ART SHADES.** Large flowers carried on exceedingly heavy stems up to 30 inches in length. The color-range includes pastel shades of apricot, cream, gold, white, and various shades of rose. Its blooms make excellent cut-flowers when properly treated by dipping the ends in boiling water. Pkt. 25c.; large pkt. 75c.

**Yellow Wonder.** *All-America Winner.* Buttercup-yellow flowers, with a lighter center, are 4 to 6 inches across, and the stems are often more than 2 feet long. Fine for cutting. Pkt. 25c.; large pkt. 60c.

**Single, Mixed.** Colors range from white and yellow to deep orange-scarlet. Pkt. 10c.; large pkt. 40c.; ¼oz. 75c.

**Sunbeam.** Fine new shades in mixture. Pkt. 15c.; large pkt. 40c.

## PERENNIAL VARIETIES

### ORIENTAL POPPIES

These are always popular in any perennial bed. The seeds should be sown in early spring in the open ground.

**Orientele.** Extra-large, deep scarlet flowers. Pkt. 10c.; large pkt. 40c.; ¼oz. 75c.

**Orientele, Mrs. Perry.** Rich salmon-pink. Pkt. 10c.; large pkt. 75c.

**Orientele, Royal Scarlet.** Brilliant scarlet. Pkt. 25c.; large pkt. 75c.

**Orientele Hybrids, Mixed.** Large flowers. Pkt. 10c.; large pkt. 50c.; ¼oz. 85c.

## Pyrethrum

### FOLIAGE VARIETY FOR BEDDING

Used for edging of ornamental beds. Leaves finely cut.

**Aureum** (Golden Feather). Bright golden yellow foliage. 1 ft. Pkt. 10c.; large pkt. 25c.; oz. \$1.10.



## Rudbeckia • Coneflower

**Kelvedon Star.** A really good annual and a perfect, long-stemmed flower for cutting. Very floriferous and of sturdy habit of growth. Colors vary, but all have brown central discs, surrounded by a mahogany zone on petals of deep orange. 3 ft. Pkt. 15c.; large pkt. 50c.

**RED-HOT POKER.** See Tritoma, page 46.  
**RESEDA.** See Mignonette, page 36.

## Ricinus communis

### Castor-Oil Bean

Large, rapid-growing, ornamental foliage plant. Produces a fine effect in center of beds or singly on lawns.

**Sanguineus.** Blood-red stalks and red fruit. 8 ft. Pkt. 10c.; oz. 25c.

**Zanzibarensis.** Enormous leaves, varying in color from light green to purplish red. 12 ft. Pkt. 10c.; oz. 25c.

**Mixed.** All sorts. Pkt. 10c.; oz. 25c.; lb. \$2.50.

## Salpiglossis • Painted Tongue

Easy-growing annual plant which has become a great favorite, not only because of its easy culture, but mainly for its beautifully tinted and veined flowers. Blooms from early summer until late fall. 1½ ft.

**Rose, Crimson and Gold.** Definitely a new color in Salpiglossis. The richly colored blooms are very large. Excellent for cutting. Pkt. 25c.; large pkt. 50c.

	Pkt.	Large pkt.
<b>Crimson and Gold</b> .....	\$0 10	\$0 40
<b>Primrose</b> .....	10	40
<b>Purple and Gold</b> .....	10	40
<b>Rose and Gold</b> .....	10	40
<b>Scarlet and Gold</b> .....	10	40
<b>White and Gold</b> .....	10	40

**Emperor, Mixed.** A type having only one main stem, and bearing on its summit a large number of beautiful flowers, each one richly veined with gold..... 10 30



Rudbeckia, Kelvedon Star



Scabiosa, Imperial Giants, Blue Moon

## Scabiosa • Mourning Bride

### GRANDIFLORA VARIETIES

#### Annual

Magnificent annuals of easy cultivation, blooming freely through the summer and autumn. Very effective for beds or borders and invaluable for cutting. 2 ft.

**PEACE.** The white flowers are fully double, 1½ inches across, on 3½- to 4-inch stems. Good for cutting and an excellent garden variety. Pkt. 25c.; large pkt. 60c.

**IMPERIAL GIANTS, BLUE MOON.** The color is a rich deep lavender-blue. Flowers are fully double, beehive-shaped. Upright plants 3 to 4 feet tall. Pkt. 25c.; large pkt. 50c.

**Giant Salmon Beauty.** A pure salmon Scabiosa. The flowers are huge and the stems light and strong. Pkt. 25c.; large pkt. 40c.

**Orchid Shades.** This new mixture of orchid shades contains all the colors and tones of the Cattleya orchid. Equally lovely under natural or artificial light. Large flowers and very long, strong stems. Pkt. 15c.; large pkt. 40c.

**Rosette.** Large-flowering type in a beautiful shade of deep rose heavily suffused with salmon. A new color addition to this popular garden flower. Pkt. 25c.; large pkt. 40c.

**Azure Fairy.** Clear lavender-blue. Pkt. 10c.; large pkt. 25c.

**Blue Cockade.** New. Large, deep azure-blue flowers. Pkt. 10c.; large pkt. 25c.

**Cherry-Red.** Pkt. 10c.; large pkt. 25c.

**Flesh-Pink.** Delicate shade. Pkt. 10c.; large pkt. 25c.

**Giant Loveliness.** Flowers range through various tones of delicate salmon-rose. Pkt. 10c.; large pkt. 25c.

**King of the Blacks.** Deep purple. Pkt. 10c.; large pkt. 25c.

**Peach Blossom.** Peach-blossom-pink. Pkt. 10c.; large pkt. 25c.

**Rose.** Soft rose color. Pkt. 10c.; large pkt. 25c.

**Shasta.** Pure white; large, long stems. Pkt. 10c.; large pkt. 25c.

**Giant-flowering Hybrids, Mixed.** All-America Winner. Giant blooms in an unusual number of rare colors. Pkt. 10c.; large pkt. 30c.

**Finest Mixed.** Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

## HARDY PERENNIAL SCABIOSA

Handsome perennial border plants flowering the entire season. As the seed of perennial Scabiosa is of slow germination, we would suggest sowing in peat moss and sand, making sure to keep moist and shaded.

**Caucasica, Giant Hybrids, Mixed. Isaac House Strain.** A great improvement in the Caucasica type, with larger flowers and longer stems. Colors range from light lavender to dark blue. Excellent for cutting. Pkt. 25c.; large pkt. 75c.

**Columbaria anthemifolia, Rose-Pink.** A low-growing variety, with flowers measuring 2 to 2½ inches across in a delightful shade of pink. Fine for cutting. Pkt. 25c.; large pkt. 60c.

**Columbaria anthemifolia, Lavender.** Pkt. 25c.; large pkt. 60c.

**Caucasica.** Soft blue. 3 ft. Pkt. 10c.; large pkt. 60c.

**Caucasica alba.** White. Pkt. 10c.; large pkt. 60c.

## Salvia • Scarlet Sage

The Salvia is among our most popular and useful bedding plants. There is nothing more effective in the midsummer or fall than these bright scarlet flowers.

**St. John's Fire.** Blooms very early, but remains in perfect condition until frost. Height 10 inches when in full bloom in August. Compact plants, upright growth, and very uniform habit. Pkt. 35c.; large pkt. \$1.00; ¼ oz. \$1.75.

**America (Globe of Fire).** Dwarf, bushy, compact grower and very uniform in height and shape. Pkt. 25c.; large pkt. 75c.; ¼ oz. \$2.00.

**Bonfire (Clara Bedman).** Compact, bushy plants, 2 feet high, producing erect spikes of the most brilliant scarlet flowers. Pkt. 25c.; large pkt. 75c.; ¼ oz. \$2.00.

**Splendens.** Tall-growing plants with bright scarlet flowers. 3 ft. Pkt. 10c.; large pkt. 60c.; ¼ oz. \$1.50.

## PERENNIAL VARIETIES

**Azurea grandiflora.** Produces spikes of sky-blue flowers during August and September. 3 to 4 ft. Pkt. 15c.; large pkt. 60c.

**Royal Blue Farinacea.** A new improved strain. Very uniform in growth, with deep blue flowers. Pkt. 25c.; large pkt. 75c.

**Blue Bedder.** A new variety of Farinacea. Very compact. Deep blue flowers borne very profusely from seed the first year. Pkt. 25c.; large pkt. 75c.

**Farinacea.** A perennial variety, but best treated as an annual. Color, light blue. 2 ft. Pkt. 10c.; large pkt. 75c.



Salvia, Bonfire



## Schizanthus • Butterfly Flower

One of our finest hardy annuals, and of easy culture in any good garden soil. Showy flowers of various colors, closely resembling some species of orchids.

**Dwarf Large-flowering, Mixed.** A compact-growing variety and very free-flowering. Excellent for pots. Pkt. 25c.; large pkt. 75c.

**Garraway's Hybrids, Mixed.** Large flowers with markings on a white, buff, rose, blue, or purple ground. Pkt. 25c.; large pkt. 75c.

**Giant Pansy-flowered.** Large pansy-flowered blooms in a wide range of rich colors. Pkt. 25c.; large pkt. 75c.

**Hybridus grandiflorus, Mixed.** Compact, pyramidal plants, with flowers of many shades. Pkt. 10c.; large pkt. 50c.

**Wisetonensis.** Largely used as a pot-plant for the house. Flowers range from white with yellow center to pink with brown center. 1½ ft. Pkt. 10c.; large pkt. 60c.

**SHAMROCK, "True Irish."** Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

## Shasta Daisy

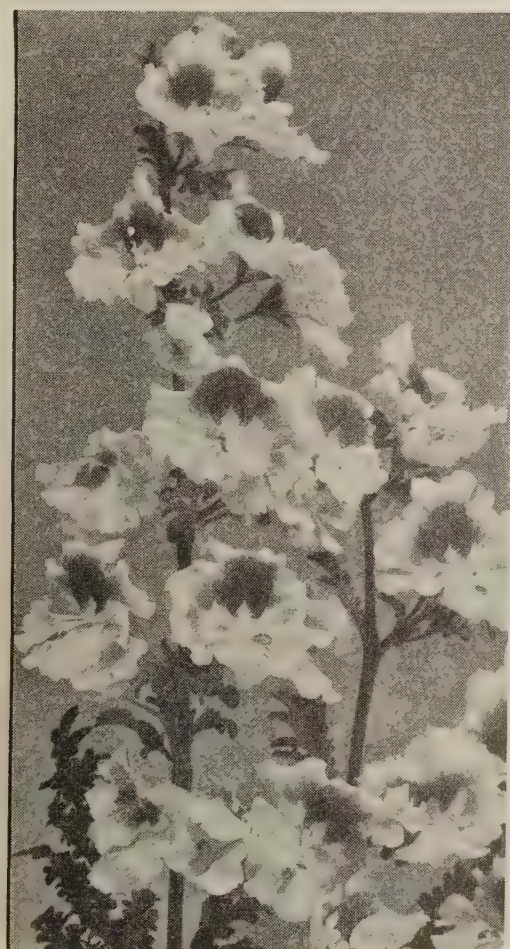
**Alaska.** Perennial. Pure white, extra-large flowers. Excellent for cutting. 2 ft. Pkt. 10c.; large pkt. 40c.

**New Double Giant White.** Perennial. A new double variety, excellent for cutting. Flowers are about 5 inches in diameter, on long, stiff stems, and have the appearance of a giant Aster. Pkt. 25c.; large pkt. 75c.

## Snapdragon

See Antirrhinum, page 26.

ALL PRICES SUBJECT TO MARKET CHANGES



Schizanthus, Large-flowered



Sunflower

## Solanum

**Christmas Pepper.** An improved variety, producing quantities of miniature Peppers, ranging in color from purple to brilliant red. Pkt. 10c.; large pkt. 40c.

**Cleveland Cherry.** Ornamental pot-plants of dwarf, branching habit for winter decoration. Produces a great profusion of scarlet berries. 1 ft. Pkt. 10c.; large pkt. 40c.

## Statice • Sea Lavender

Excellent plants, for either the border or rockery, producing all summer panicles of small flowers, which can be dried and used for winter bouquets. 2 ft.

### ANNUAL VARIETIES

	Sinuata	Pkt.	Large pkt.
Blue.....		\$0 10	\$0 25
Kampf's Tall Improved.			
Deepest blue. Early flowering.....		10	25
Lavender.....		10	25
Rosea superba.....		10	25
White.....		10	25
Yellow.....		10	25
Mixed. All colors.....		10	25
Suworowi. Russian or Rat-Tail Statice. Flowers bright rose color.....		10	25

### PERENNIAL VARIETIES

**Caspia.** The most beautiful of all perennial Sea Lavenders. Very vigorous, with 3-foot stems carrying innumerable lilac flowers. Pkt. 25c.; large pkt. 75c.

**DUMOSA.** Novelty. A new variety, growing 2½ feet high and producing dense clusters of very pretty silvery gray flowers. Pkt. 25c.; large pkt. 75c.

**Latifolia.** Perennial. Large, deep blue flowers. Pkt. 10c.; large pkt. 60c.

## Sunflower • Helianthus

Well-known and popular plants, the small-flowering sorts being used for cutting and the tall varieties valuable for backgrounds.

### ANNUAL VARIETIES

#### Small-flowered

**Cut-and-Come-Again.** Single, golden yellow flowers with petals twisted like a cactus dahlia. Pkt. 10c.; large pkt. 25c.; oz. 50c.

**Stella.** Flowers single, golden yellow, with black centers. Invaluable for cutting. 4 ft. Pkt. 10c.; large pkt. 25c.; oz. 50c.

## Large-flowered Annual Sunflower

**Double Globe** (*H. annuus globosus fistulosus*). Large double yellow flowers. 6 ft. Pkt. 10c.; large pkt. 25c.; oz. 50c.

**Dwarf Double (Globe of Gold).** Yellow flowers. 3 ft. Pkt. 10c.; large pkt. 25c.; oz. 50c.

**New Red.** Extra-large flowers, some of which are rich chestnut-red, others tipped with yellow. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Russian Mammoth.** Immense, single yellow flowers on tall, heavy stalks. 6 ft. Pkt. 10c.; oz. 15c.

**SUN-PLANT.** See Portulaca, page 39.

## Sweet William

### Dianthus barbatus

One of the finest hardy perennial garden plants, and of easy culture, thriving in any good garden soil. They grow about 1½ feet high, forming fine clumps and producing excellent effects in beds and borders.

★**Dwarf or Alpine.** A fine new strain of excellent dwarf type, most suitable for edging and rock-gardens. The flower-heads are very large and the color-range a selection of many bright and dark shades. Pkt. 25c.; large pkt. 60c.

**Sutton's Giant White.** The finest large-flowering pure white Sweet William. Pkt. 25c.; large pkt. 40c.

**Auricula-flowered, Mixed.** A beautiful class of "eyed" single varieties. All colors. Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

**Holborn Glory.** Giant-flowered Auricula mixed. Pkt. 15c.; large pkt. 40c.

**Purple Beauty.** Bright deep purple. Pkt. 15c.; large pkt. 40c.

**Crimson.** Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

**Newport Pink.** Salmon-pink. Pkt. 10c.; large pkt. 60c.; ¼oz. \$1.00.

**Scarlet Beauty.** Deep scarlet. Pkt. 10c.; large pkt. 60c.; ¼oz. \$1.00.

**Velvety Maroon.** Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

**White.** Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

**Single, Mixed.** All colors. Pkt. 10c.; large pkt. 30c.; oz. \$2.00.

**Double, Mixed.** Pkt. 10c.; large pkt. 40c.; ¼oz. \$1.25.

**Annual Single, Mixed.** Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

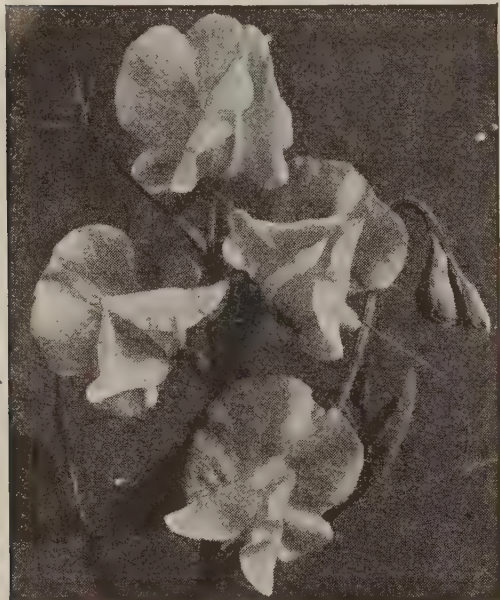


Sweet William, Single Auricula-flowered



## Michell's Spencer or Orchid Sweet Peas

Sweet Peas are one of the daintiest of garden flowers. In captivating colors these fine large-flowering varieties will appeal to all. One ounce required for 15-foot row



Sweet Pea, Spring-flowering, White

### New Early-flowering Hot-Weather SWEET PEAS

This new type has performed outstandingly, giving excellent flowers on long stems. The exceptional merits are; first, the great vigor of growth; second, the ability to grow during the warm weather; third, the unusually long and stout stems.

**BLACK-SEEDED WHITE.** Strong-growing. Long-stemmed, large-flowered white sort. Pkt. 25c.; ½oz. 50c.

**BLUE.** Bronze Medal, All-America Selections. A splendid clear marine-blue. Pkt. 25c.; ½oz. 50c.

**LAVENDER.** Honorable Mention, All-America Selections. A fine clear lavender shade. Pkt. 25c.; ½oz. 50c.

**LIGHT BLUE.** Clear light blue. Pkt. 25c.; ½oz. 50c.

**MAUVE.** Long-stemmed; clear satin-mauve. Pkt. 25c.; ½oz. 50c.

**ROSE-PINK.** Silver Medal, All-America Selections. A beautiful clear rose-pink shade. Pkt. 25c.; ½oz. 50c.

**SPRING-FLOWERING, CHOICE MIXED.** Pkt. 25c.; ½oz. 50c.

### Novelty Varieties SUMMER-FLOWERING

These are distinguished by the large flowers, with crinkled and wavy petals, and also by the fact that they usually bear four flowers on a stem. The varieties we offer are selected from a long list and are considered to be the best up-to-date sorts.

**Cheerie-O.** This is a mammoth-flowering, deep begonia-rose Sweet Pea, suffused with gold—a new color. Pkt. 15c.; oz. 50c.

**GOLDEN DRAGON.** A very large, duplex-flowered orange. The standard is a vivid, bright orange, while the wings shade to a deeper, softer orange-rose. Pkt. 15c.; oz. 50c.

**MAYTIME.** The huge flowers of this new variety come in fours and fives on long, husky stems. Color is a rich golden cerise that will not burn in the sun. Pkt. 15c.; oz. 50c.

### BLUE and PURPLE

**Fortune.** Rich dark blue.

**Mrs. Tom Jones.** Bright delphinium-blue.

**Royal Purple.** Rich purple. One of the finest varieties.

**Windsor Blue.** Finest mid-blue. Good stem and flower.

### CREAM

**Cream Gigantic.** Largest cream; black-seeded.

### DEEP PINK or ROSE

**Pinkie.** Extraordinary large rose-pink flowers.

### LAVENDER

**Gleneagles.** Large; lavender.

**King Lavender.** Fine, clear lavender. Excellent variety.

### LIGHT PINK

**Bonny Briar.** Sparkling rose-pink; immense size.

**Diana.** Rose on cream; immense.

**Elfrida Pearson.** Large; shell-pink.

### ORANGE and SALMON

**Peggy Ann.** A rare new shade of attractive salmon-pink.

**Debutante.** Salmon shaded coral. Giant flowered.

**Salmon Gigantic.** Giant salmon-pink.

### SCARLET

**Crimson King.** Giant; deep carmine.

**Huntsman.** Bright scarlet.

**Welcome.** Giant flower. Brilliant sun-proof scarlet.

### WHITE

**Avalanche.** Glistening pure white.

**Constance Hinton.** Large flowering; white. Black-seeded.

**Gigantic.** Black-seeded white, extra-large, wavy flowers.

**King White.** Gigantic pure white flowers.

Any of the Spencer varieties, except where noted: Pkt. 10c.; oz. 50c.; ¼lb. \$1.50; lb. \$4.00.

### MICHELL'S SUPERB SPENCER MIXTURE

A mixture that cannot be surpassed. We have blended it ourselves from only Giant Waved Spencer varieties in proper proportions of bright colors and including a number of new hybrids of exquisite colors and shades. Pkt. 10c.; oz. 25c.; ¼lb. 60c.; lb. \$2.00.

## Michell's Early-Flowering Spencer Sweet Peas

### Michell's Exclusive Introductions

**TOP SERGEANT.** Deep blood-red-crimson, large bold-faced flowers with extra-long stems. An extra-early variety, undoubtedly the truest crimson Sweet Pea. Pkt. 25c.; ½oz. 60c.

**FOREST FIRE.** Giant bright orange-scarlet, duplexed flowers that will not burn. This new Sweet Pea is very worth while. Pkt. 25c.; ½oz. 60c.

**GORGEOUS.** Never have we seen such a colorful Sweet Pea—a glistening golden cerise brightening to a carmine. Under artificial light it is truly gorgeous, as the name implies. The magnificent large duplexed flowers are produced in fours and fives on long stiff stems. Pkt. 25c.; ½oz. 60c.

**LADY LUCK.** Vivid carmine-rose, suffused with purple; large, perfectly formed flowers. A very heavy producer on long, stout stems, each bearing four blooms. Pkt. 25c.; ½oz. 60c.

**BRIDESMAID.** A delicate, sparkling shade of silver-pink, as vigorous, healthy, slim, and supple as the name implies. Bridesmaid bids fair to outstrip the field in popularity as a cut-flower for large table center arrangement. Large flowers, usually fours, on stems 14 to 16 inches long. Pkt. 15c.; ½oz. 40c.; oz. 75c.

**DAPHNE.** Soft salmon-pink on cream ground. Giant flowers. Pkt. 25c.; ½oz. 40c.; oz. 75c.

ALL PRICES SUBJECT TO MARKET CHANGES

**EILEEN.** Rich begonia-rose, with salmon shadings, changing under certain lights to a dazzling cerise. This two-tone effect gives Eileen a brilliancy of exotic splendor never before obtained in a Sweet Pea. The flowers are large, well placed on long stems. Vigorous grower and free bloomer. Pkt. 15c.; ½oz. 40c.; oz. 75c.



Sweet Pea, Spring-flowering, Lavender



## MICHELL'S EARLY-FLOWERING SPENCER SWEET PEAS, continued

**Eleanor Blue.** Another good novelty in the new and popular Eleanor blue shade—a clear light blue with a silver sheen. Flowers large, frilled, and of perfect Spencer form, with fours predominating, and pleasingly fragrant. Pkt. 15c.; ½oz. 40c.; oz. 75c.

**Fragrance.** This delightfully fragrant new variety is, in our opinion, superior to all other lavenders. The extra-large, clear lavender self blooms come on long stems. Pkt. 15c.; ½oz. 40c.; oz. 75c.

**GRENADIER.** Dazzling scarlet. Pkt. 15c.; ½oz. 40c.; oz. 75c.

**HOPE.** The finest black-seeded pure white to date. Flowers of mammoth size. Pkt. 15c.; ½oz. 40c.; oz. 75c.

**NAVY BLUE.** A new color in the earlys, and one that has long been wanted. Blooms are rich dark blue with four to a long, strong stem. Vigorous grower. Pkt. 25c.; ½oz. 40c.; oz. 75c.

**Michell's Rose Wonder.** Beautiful, clear rose-pink color on a light ground. Pkt. 25c.; ½oz. 60c.; oz. \$1.00.

**SHIRLEY TEMPLE.** Brilliant rich rose-pink. Four large flowers on each stem. Pkt. 15c.; ½oz. 40c.; oz. 75c.

**TREASURE ISLAND.** Sparkling glowing orange. Very strong growing, throwing a majority of four flowers on 15 to 16-inch stems. Pkt. 25c.; ½oz. 40c.; oz. 75c.

**VALENCIA.** A bright orange in color and absolutely sunproof. Stems long. Pkt. 15c.; ½oz. 40c.; oz. 75c.

**MICHELL'S EARLY-FLOWERING SPENCER, MIXED.** Pkt. 10c.; ½oz. 40c.; oz. 75c.

**Strawflower**

See *Helichrysum*, page 33.

## Michell's "Distinctive" Stocks

The Stock is one of the most popular and highly prized of our cultivated flowers because of its charming colors, delightful fragrance, and free-blooming character. Our seed is hand-saved from pot-grown specimens and will produce a large percentage of double flowers. The Early Giant Imperial and Early-flowering "Nice" Stocks must be started early indoors if wanted for outdoor blooming.

### NEW GIANTS OF CALIFORNIA

This magnificent new group is so marked in improvement that we believe they will head the list in forcing Stocks in the very near future. Giants of California are very early flowering with a high percentage of mammoth double flowers, and having the branching habit of the Bismarck. If planted close, they will nearly attain the height of the Column Stock, approximately 2½ to 3 feet.

	Pkt.	Large pkt.
<b>Golden Gate.</b> Clear golden yellow.....	\$0 25	\$0 50
<b>Monterey.</b> Bright pink.....	25	50
<b>Pacific.</b> Light blue.....	25	50
<b>Redwoods.</b> Blood-red.....	25	50
<b>Santa Barbara.</b> Chamois....	25	50
<b>Santa Maria.</b> Pure white....	25	50
<b>Tahoe.</b> Lavender.....	25	50
<b>Yosemite.</b> Rose.....	25	50
<b>Splendid Mixture.</b> .....	25	50

### GIANT COLUMN NON-BRANCHING Double Excelsior

This new type of Stocks produces one enormous spike 2 to 3 feet in height. Blooms about 10 days earlier than Bismarck.

#### Michell's Rose Beauty, Giant Column Double Excelsior.

A fine new variety with exceedingly large double florets. The color is a clear La-France-rose-pink—a very popular shade. We believe this Stock to be the outstanding pink in this type.....

	Pkt.	Large pkt.
<b>Ball Blue.</b> Dark lilac-blue....	25	85
<b>Ball Pink No. 11.</b> Rose-pink..	25	85
<b>Ball White</b> .....	25	85
<b>Chamois-Rose</b> .....	25	85
<b>Illusion.</b> Scarlet-red.....	25	85
<b>Rose-Pink</b> .....	25	85
<b>Silvery Lilac</b> .....	25	85
<b>YELLOW WONDER.</b> The color is a rich creamy yellow.	25	85
<b>Mixed Colors</b> .....	25	85

ALL PRICES SUBJECT TO MARKET CHANGES

### MICHELL'S EARLY-FLOWERING "NICE"

An early-flowering strain of branching habit and a remarkably free bloomer. Large, double, fragrant flowers.

**Choice Mixed.** All colors. Pkt. 15c.; large pkt. 50c.

### LARGE-FLOWERED DWARF TEN-WEEKS

Leading variety for bedding out for summer blooming; also fine for pots.

	Pkt.	Large pkt.
<b>Blood-Red</b> .....	\$0 10	\$0 40
<b>Dark Blue</b> .....	10	40
<b>Light Blue</b> .....	10	40
<b>Pink</b> .....	10	40
<b>White</b> .....	10	40
<b>Yellow</b> .....	10	40
<b>Mixed</b> .....	10	40

### EARLY GIANT IMPERIAL STOCKS Improved Bismarck

An excellent addition to the early forcing class. The plants are of tall, branching habit, 2 to 2½ feet high, and produce a very high percentage of double flowers.

**GIANT IMPERIAL.** The following four varieties form a new group. The plants are base branching and produce 12 to 15 huge flower-spikes, with individual florets measuring 2 inches or more in diameter.

	Pkt.	Large pkt.
<b>Antique Copper.</b> New. Rich hellebore-red—a new and attractive shade.....	\$0 25	\$0 50
<b>Apple Blossom.</b> Blush-pink..	25	50
<b>Buttercup.</b> A deeper shade than canary-yellow.....	25	50
<b>Canary-Yellow (Golden Ball)</b>	25	50
<b>Chamois.</b> Ivory, tinted old-rose.....	25	50
<b>Dark Blue.</b> A new shade....	25	50
<b>Elk's Pride.</b> New shade in this early group—an intense royal purple.....	25	50
<b>Fiery Blood-Red.</b> Extra fine.	25	50
<b>Golden Rose</b> .....	25	50
<b>Lavender</b> .....	25	50
<b>Lilac</b> .....	25	50
<b>Mammoth Rose.</b> Exclusive Michell Introduction.....	25	60
<b>Rose.</b> Deep rose-pink.....	25	50
<b>Rose Charm.</b> Rich, deep rose.	25	50
<b>Roselight.</b> Bright rose.....	25	50
<b>White</b> .....	25	50
<b>Mixed Colors</b> .....	25	50

### Early Colonial Branching Stocks

This new Early Colonial strain does not produce a center spike, so therefore requires no pinching to make it branch. From the base 8 to 10 heavy 20-inch branches spread out.

**ROSE STANDISH.** Novelty. A large-flowered bright rose Stock. Excellent for cutting. Pkt. 25c.; large pkt. 50c.

**Mayflower.** Brilliant rose-red. Pkt. 25c.; large pkt. 50c.

**Priscilla.** Clear silvery lavender. Pkt. 25c.; large pkt. 50c.

**Puritan.** Pure snow-white. Pkt. 25c.; large pkt. 50c.

### Virginian Stock • Malcomia

**Mixed.** An easy-growing border annual with small lilac, red, or white flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.



Stocks, Early Colonial Branching



## Tagetes • Single Marigold

**Signata pumila.** A dwarf, compact, bushy annual Marigold with golden yellow flowers and fern-like foliage. A fine bedding plant. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

## Tahoka Daisy

A beautiful free-flowering annual, with fern-like foliage. The daisy-like flowers are lavender-blue and grow on good long stems, which make them splendid for cutting. Seed sown inside in April will commence to flower the latter part of June. For good germination we suggest putting the seed in a refrigerator for a week or ten days. Pkt. 25c.; large pkt. 75c.

## Thermopsis

**Caroliniana.** Perennial. Yellow lupin-like flowers. Pkt. 10c.; large pkt. 60c.

## Thunbergia • Black-eyed Susan

**Mixed.** Rapid-growing annual climbers making a pretty vine for trellises, fences, rockwork, etc.; also for window-boxes, hanging-baskets and vases. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

## Tithonia

**Speciosa.** Mexican Sunflower. A native of Mexico. Flowers large, orange-scarlet, reminding one of a single zinnia. An excellent cut-flower. This variety is late flowering and must be started early. Pkt. 10c.; large pkt. 40c.

## Torenia

**Fournieri grandiflora.** Showy annuals, flowering all summer. Fine for vases, hanging-baskets, borders, etc. Flowers sky-blue with yellow centers. 1 ft. Pkt. 10c.; large pkt. 60c.

**White Wings.** Ivory, tinted rose. Pkt. 10c.; large pkt. 60c.



Tahoka Daisy



Tritoma (Red-Hot Poker)

## Tritoma • Kniphofia

### Red-Hot Poker

**Hybrida, Mixed.** A free-flowering, hardy perennial with large spikes of flowers. 2 ft. Pkt. 10c.; large pkt. 60c.

## Venidium

### Monarch of the Veldt

**Fastuosum Hybrids, Mixed.** Colors range from apricot to deep golden orange. Pkt. 25c.; large pkt. 60c.

## Vinca rosea

### Madagascar Periwinkle

Dwarf bedding plants, easily raised from seed. Deep green, glossy foliage and bright single blossoms of striking beauty. Also suitable for pot-plants. Sow early.

**TWINKLES.** Soft blush-pink, bright red eye; huge flowers. Pkt. 10c.; large pkt. 40c.

**Alba.** White, with rose eye. Pkt. 10c.; large pkt. 40c.

**Alba pura.** Pure white. Pkt. 10c.; large pkt. 40c.

**Kermesina.** Bright red. Pkt. 10c.; large pkt. 40c.

**Rosea.** Rose, with dark eye. Pkt. 10c.; large pkt. 40c.

**Mixed.** Pkt. 10c.; large pkt. 40c.; oz. \$2.50.

## ★Viola

**ARKWRIGHT RUBY.** This new large-flowered variety has beautiful bright rosy crimson blooms with terra-cotta shadings making it very outstanding, with the added attraction of being very fragrant. Pkt. 25c.; large pkt. 75c.

**ILONA.** Rich, light velvety purple. Very free flowering. Excellent for borders or planted as a combination with Yellow Perfection. Pkt. 25c.; large pkt. 75c.

**PAPILIO.** Butterfly Viola. Light blue and white. Pkt. 25c.; large pkt. 75c.

**PAPILIO.** Butterfly Viola. Deep violet. Pkt. 25c.; large pkt. 75c.

## ★Viola cornuta • Tufted Pansies

These resemble pansies in shape and form, and while not quite as large, they bloom more profusely and for a longer time. Seed sown in September produces flowering plants the following spring.

**Chantreyland.** A fine new Viola in a pure apricot shade. Outstanding in color and free-flowering habit. Pkt. 25c.; large pkt. 75c.

**Blue Perfection.** Light blue. Pkt. 10c.; large pkt. 75c.

**White Perfection.** Large; white. Pkt. 10c.; large pkt. 75c.

**Yellow Perfection.** Golden yellow. Pkt. 10c.; large pkt. 75c.

**Mixed.** All colors. Pkt. 10c.; large pkt. 60c.

## ★Viola • Scotch Bedding Pansies

**Mixed.** Produces larger flowers than *V. cornuta*. Pkt. 25c.; large pkt. \$1.00.

## Wallflower

Half-hardy perennials with deliciously fragrant blooms. They should be protected in a coldframe in winter and planted out in spring. 2 ft.

**Double, Mixed.** All colors. Pkt. 10c.; large pkt. 60c.

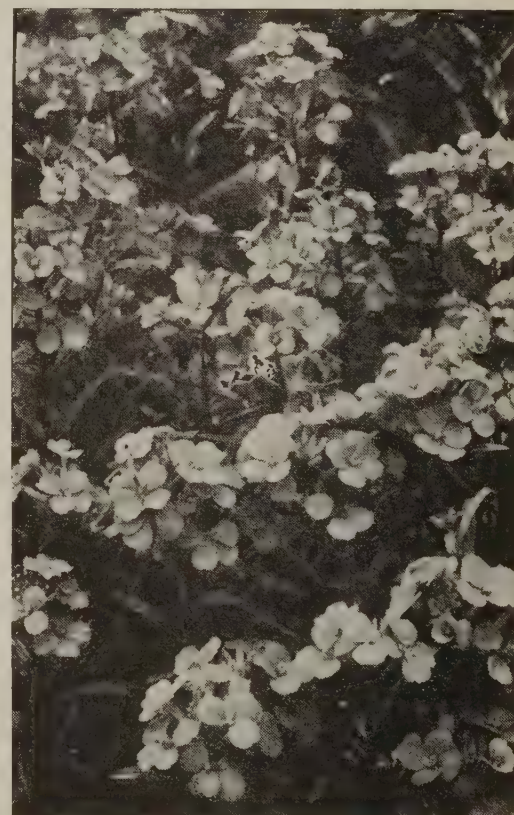
**Early-flowering Double, Mixed.** An extra-early variety, flowering from seed in 90 days. Pkt. 10c.; large pkt. 50c.

**Gold Standard.** Annual. Double, deep golden yellow, very fragrant blooms. The finest variety for forcing. Pkt. 10c.; large pkt. 75c.

**Paris Extra-Early, Mixed.** A single-flowering variety which may be treated as an annual, flowering the first year from seed. 1½ ft. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

**Single, Mixed.** Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

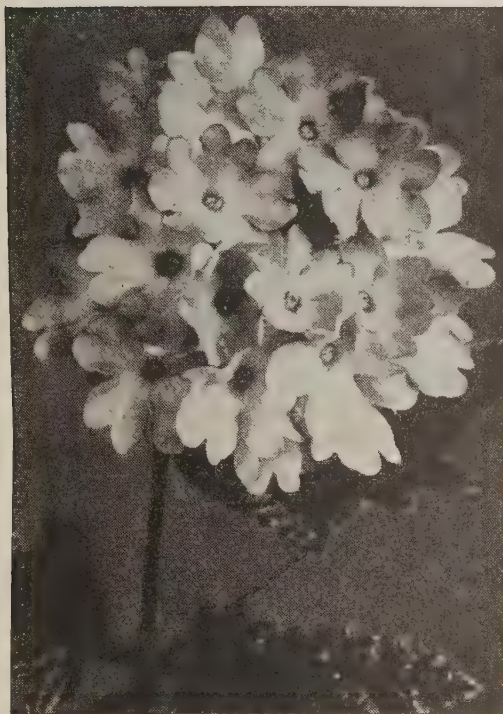
ALL PRICES SUBJECT TO MARKET CHANGES



Wallflowers, Paris Extra-Early



## Michell's Verbenas



Mammoth Verbena

### DWARF UPRIGHT MICHELL'S EXHIBITION

This new dwarf upright type is a fine addition to the Verbena group. The plants are dwarf and well branched and produce large flower-heads. The individual florets have distinct eyes and the color-range is a choice mixture of bright shades. This type is fine for bedding and borders. Pkt. 25c.; large pkt. \$1.00; 1/4oz. \$2.00.

### HYBRIDA GRANDIFLORA GIANT VARIETIES

One of the most popular garden annuals for beds and massing, and cannot be excelled for a gorgeous display during the summer months.

**ANNAPOLIS BLUE.** The first mid-blue Verbena that does not have a tendency to have a purple cast to the florets—a real deep Belladonna-blue. A strong husky grower with large trusses of 3-inch flowers. Pkt. 25c.; large pkt. 75c.

**BRILLIANT.** This new Verbena is a rich deep flame-rose with a medium-sized white eye that helps bring out the intense flame color. Pkt. 25c.; large pkt. 60c.

**CRIMSON GLOW.** The deepest red shade available in this popular garden flower. A rich, glowing crimson, the flowers are a solid mass of color. Pkt. 15c.; large pkt. 60c.

**Beauty of Oxford Hybrids, Mixed. Originator's Stock Seed.** A fine giant hybrid resulting from a cross between Luminosa and Beauty of Oxford. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed. Pkt. 15c.; large pkt. 60c.

**Etna.** The finest and brightest color in Verbenas—an intense geranium-red with a small yellow eye; very large. Pkt. 15c.; large pkt. 60c.

**Lavender Glory.** A truly magnificent lavender variety of gigantic size. Undoubtedly the most glorious color in Verbenas, being a true lavender, with medium-sized creamy white eye. Very fragrant. Pkt. 15c.; large pkt. 60c.

**Lucifer.** Large flowers of an intense deep cardinal-scarlet throughout. Pkt. 15c.; large pkt. 60c.

**Luminosa.** Gigantic blooms of flame-pink, toning to softer shades of pink and coral. Pkt. 15c.; large pkt. 60c.

**NEWPORT SALMON.** *Michell Novelty.* An excellent giant-flowering, true salmon-pink with white eye. Extra-large florets. Pkt. 15c.; large pkt. 60c.

**Royale.** Rich deep royal blue flowers of enormous size, with creamy yellow eye. Pkt. 15c.; large pkt. 60c.

### Mammoth Fancy Verbenas

This strain produces trusses of large flowers of the most brilliant colors and shades.

	Pkt.	Large pkt.	Oz.
Blue Shades.....	\$0 10	\$0 40	\$2 00
Pink Shades.....	10	40	2 00
Scarlet Shades.....	10	40	2 00
Pure White.....	10	40	2 00
Mixed.....	10	40	2 00

### PATRIOTIC COLLECTION

Red, White and Blue. Pkt. of each 25c.; large pkt. of each \$1.00.

**Venosa.** Hardy Garden Verbena. Heliotrope-blue. Fine for bedding. Pkt. 10c.; large pkt. 40c.

### Annual Mixed or Wild Flower Garden Seed

This mixture includes a large number of varieties of easy-growing, beautiful and interesting annual flowers which will furnish a profusion of bloom throughout the entire summer and autumn. Many of them will be found useful for cutting. Pkt. 10c.; oz. 25c.; 1/4lb. 60c.; lb. \$2.00.

### Xanthisma texanum

Star of Texas

One of the prettiest annuals and deserves to be very popular. The light canary-yellow flowers are single, daisy-like, with long-pointed petals. Stems are wiry and excellent for cutting. Will do well in dry, open places. Pkt. 25c.; large pkt. 60c.



Xanthisma texanum (Star of Texas)



Zinnia, Scabious-flowered

## Zinnias

### Youth and Old Age

One of the most showy and satisfactory of our hardy annuals for beds, mixed borders, and for cutting purposes. Easy to grow in any good garden soil. They commence flowering early in the summer and continue until frost.

**HOWARD'S NEW GIANT CRESTED CHOICE MIXTURE.** A cross between the Dahlia-flowered and Scabious-flowered types. Magnificent shades of orange, orange-scarlet, yellow, rose, maize, and crimson. As cut-flowers they are without a peer. Pkt. 25c.; large pkt. 60c.; 1/4oz. 75c.

### Gaillardia-flowered

This fine new type of Zinnia has flowers which strongly resemble the double *Gaillardia picta*. The colors range through the mellow tones of rose, pink, bronze, yellow, orange and lavender. Pkt. 15c.; large pkt. 40c.; 1/4oz. 60c.

### Scabious-flowered

**CAMPFIRE.** Vivid, intense scarlet flowers are carried on strong stems of good length for cutting. The free-blooming plants reach a height of 2 to 2 1/2 feet. Pkt. 25c.; large pkt. 50c.

**SUNBURST.** Early-flowering. Bright pure canary-yellow flowers 1 1/2 to 2 inches across. Plants are 2 to 2 1/2 feet in height. Pkt. 25c.; large pkt. 50c.

**Autumn Tints, Mixed.** The flowers range through all the gorgeous autumn tints, including orange, bronze, russet, dull red, carmine-red, and intermediate shades. Pkt. 15c.; large pkt. 50c.; 1/4oz. \$1.00.

**Mixed.** *New.* Medium-sized flowers resembling the annual scabiosa. Fine for cutting. Choice mixed colors. Pkt. 15c.; large pkt. 50c.; 1/4oz. 75c.

ALL PRICES SUBJECT TO MARKET CHANGES





Dahlia-flowered  
Zinnia

## Fantasy or Chrysanthemum-flowered Zinnias

**ORANGE LADY.** A rich shade of deep bright orange. The  $2\frac{1}{2}$  to 3-inch flowers are shaggy and gay in appearance. Pkt. 25c.; large pkt. 50c.

**ROSALIE.** The color is a bright, intense rose. Plants are about  $2\frac{1}{2}$  to 3 feet in height. Pkt. 25c.; large pkt. 50c.

**STAR DUST.** *Novelty.* *All-America Winner.* It has the same shaggy-petaled, medium-sized flowers as the mixture, but the color is a rich deep golden yellow. Plants grow  $2\frac{1}{2}$  to 3 feet tall. The type is very free flowering and early blooming. Pkt. 15c.; large pkt. 50c.;  $\frac{1}{4}$  oz. 90c.

**WILDFIRE.** Rich dazzling scarlet. Free blooming,  $2\frac{1}{2}$  to 3 feet in height. Pkt. 25c.; large pkt. 50c.

**MIXED COLORS.** (Bodger.) *Novelty.* A new Zinnia, the rounded flowers of which are composed of a mass of shaggy, ray-like petals which give a delicate and refined appearance to the medium-sized, double flowers. The color-range includes the brightest red and orange, as well as the popular pastel pinks and creams. Pkt. 15c.; large pkt. 50c.;  $\frac{1}{4}$  oz. 75c.

## California Giant Zinnias

These are larger than the Giant Robusta, and are a cross between them and the Dahlia-flowered. An excellent, long-stemmed type for cutting.

**Brightness.** Deep rose.

**Cerise Queen.** Orange-rose.

**Daffodil.** Canary-yellow.

**Enchantress.** Bright rose.

**Golden Queen.** Golden yellow.

**Grenadier.** Dark red.

**Lavender Queen.** Rosy lavender.

**Miss Willmott.** Soft pink.

**Orange Queen.** Golden orange.

**Purity.** Best white.

**Salmon Queen.** Salmon-rose.

**Scarlet Queen.** Deep scarlet.

**Violet Queen.** Purple.

**Finest Mixed.**

Pkt. 10c.; large pkt. 40c.; oz. \$1.75

### COLLECTION

One pkt. each, our selection, of 12 colors.....\$1 00  
One pkt. each, our selection, of 6 colors..... 50

Annuals sown late will restore garden luster. Marigold, Phlox, Poppy, and Zinnias will return a wealth of natural color in late August, September, and October. With an added delight in having flowers for the home.

## Giant Dahlia-flowered

Plants of vigorous habit, from  $2\frac{1}{2}$  to 3 feet high. Mammoth flowers, 4 to 6 inches across and  $2\frac{1}{2}$  to 3 inches deep, so closely resembling Decorative Dahlias that when placed by their side it is difficult to distinguish one from the other. This new type is also valuable for growing under glass for cutting.

**INDIAN SUMMER.** An attractive, unusual mixture of crimson, cherry, flame, burnished copper, yellow, and white. A blend of dazzling colors, excellent for cutting.

**ROYAL PURPLE.** *Honorable Mention, All-America Selections.* The deep rich reddish purple tones of this Zinnia are a charming reminder of the soft velvet of regal robes. The plants grow on the average  $2\frac{1}{2}$  to 3 feet tall and the extra-large, double blooms are about 4 inches in diameter.

**Buttercup.** Immense deep creamy yellow.

**Crimson Giant.**

**Dream.** Deep lavender, turning to purple.

**Exquisite.** Light rose, center deep rose.

**Golden Dawn.** Bright golden yellow.

**Golden State.** Orange-yellow.

**Luminosa.** A new shade of bright pink.

**Old Rose.**

**Orlolo.** Orange and gold.

**Polar Bear.** Pure white.

**Purple Prince.** Large; deep purple.

**Scarlet Flame.** Scarlet, with blending of orange.

Pkt. 15c.; large pkt. 40c.; oz. \$2.00

**Mixed Colors.** Pkt. 10c.; large pkt. 40c.; oz. \$2.00.

### COLLECTION

One pkt. each, our selection, of 12 colors.....\$1 50  
One pkt. each, our selection, of 6 colors..... 75  
One large pkt. each, our selection, of 12 colors. .... 3 75

## Super Crown of Gold Mixture

The flowers are large and each petal is overlaid with a deep golden yellow at the base, while carrying out the individual flower color at the tip. This mixture includes all shades of rose, cream, yellow, carmine-pink, red, and lavender. A vigorous grower, reaching a height of  $2\frac{1}{2}$  feet. Pkt. 15c.; large pkt. 60c.;  $\frac{1}{4}$  oz. 85c.

## Elegans • Lilliput or Baby

Of compact habit, not over 15 inches high. Beautiful, miniature, perfectly double flowers.

**BLACK RUBY.** *Bronze Medal, All-America Selections.* Deep velvety maroon. Pkt. 15c.; large pkt. 40c.;  $\frac{1}{4}$  oz. 90c.

**Pastel Mixture.** This new mixture is composed solely of delicate shades not found in the ordinary mixed type. Pkt. 15c.; large pkt. 25c.; oz. \$1.25.

**Canary-Yellow.**

**Crimson Gem.**

**Golden Gem.**

**Purple Gem.**

**Rosebud.**

**Salmon-Rose.**

**Scarlet Gem (Red Riding Hood).**

**Valencia.** A new shade of burnt-orange.

**White Gem.**

**Mixed Colors.**

Pkt. 10c.; large pkt. 25c.; oz. \$1.25

### COLLECTION

One pkt. each, our selection, of 6 colors, 50c.

## Zinnia linearis

A very unusual and interesting new type of Zinnia. 8 to 10 in. Pkt. 15c.; large pkt. 60c.;  $\frac{1}{4}$  oz. \$1.00.

## Dwarf Double or Cut-and-Come-Again

Compact bushes not over 2 feet in height. Large, double flowers.

**Crimson.**

**Flesh-Pink.**

**Pinkie.** Deep rose-pink.

**Salmon-Rose.**

**Scarlet.**

**White.**

**Yellow.**

**Mixed.**

Pkt. 10c.; large pkt. 25c.; oz. \$1.00

## New Cupid

Small, button-like flowers. Well-formed, very free-flowering plants. 1 ft.

**Finest Mixed.** Pkt. 15c.; large pkt. 50c.; oz. \$1.75.

## Haageana • Mexican Hybrids

**Mixed.** Very popular small-flowering Mexican Zinnias, which have a charm all their own. Excellent for bedding, making a fine display and having long stems. Exceptionally good for house decoration. Pkt. 15c.; large pkt. 50c.

## Various Zinnias

**Pumila, Picotee, Delight.** An extra-select variety in light and deep salmon shades. Petals ruffled and curled. Pkt. 15c.; large pkt. 50c.

ALL PRICES SUBJECT TO MARKET CHANGE



Zinnia, Black Ruby



# Michell's Large-Flowering Cannas



Cannas

**Ambassador.** Brilliant cherry-red flowers. Bronze foliage. 3½ ft. Roots, 3, 50c.; doz. \$1.75; 100, \$12.00.

**City of Portland.** A glowing pink. Foliage green. 3½ ft. Roots, 3, 50c.; doz. \$1.75; 100, \$12.00.

**Hungaria.** Plant dwarf and compact. Flowers rich peach-blossom-pink. Foliage green and very massive. 3½ ft. Roots, 3, 50c.; doz. \$1.65; 100, \$11.00.

**Prices of Canna Plants.** If plants are wanted, they are ready about May 10, and will be supplied at the following prices: Doz. \$4.00; 100, \$30.00. Please specify if Roots or Plants are wanted.

**King Humbert.** Its majestic growth is enhanced by its massive trusses of coppery scarlet flowers. Foliage is deep bronze. 4½ ft. Roots, 3, 50c.; doz. \$1.75; 100, \$12.00.

**Richard Wallace.** Large, showy, pure canary-yellow flowers. Green foliage. 4½ ft. Roots, 3, 50c.; doz. \$1.65; 100, \$11.00.

**The President.** Rich glowing scarlet. Green foliage. 4 ft. Roots, 3, 50c.; doz. \$1.75; 100, \$12.00.

**Yellow King Humbert (Queen Helen).** Masses of golden yellow flowers, dotted red; occasionally some will be streaked red. Green foliage. 4½ ft. Roots, 3, 50c.; doz. \$1.75; 100, \$12.00.

**Mixed Cannas.** All colors. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

*Canna roots are carefully selected and true to name*

## Michell's Hardy Garden Lilies

A garden is not complete without a planting of Hardy Lilies. They do exceedingly well in the herbaceous border. The varieties listed can be planted in the early spring months, and it is recommended that they be planted among hardy perennials, as the shade from the surrounding plants is necessary for their welfare.

**CULTURAL DIRECTIONS.** All Hardy Lilies should be planted from 6 to 10 inches deep. The bulbs should be completely enveloped in sand and no manure should come in contact with them, but may be placed 4 to 6 inches underneath. All loose-petaled bulbs should be planted on their sides instead of upright. Cover with leaves or litter during winter.

### Regal Lily • *Lilium regale*

One of the finest garden Lilies introduced. On sturdy stems, 3 to 5 feet high, are produced an abundance of large, beautiful flowers, the centers of which are flushed bright golden yellow, shading off to creamy white at outer edges. Externally the flowers are streaked with brown, shaded a delightful pearly tint. Should be planted in fall or early spring, 8 to 9 inches deep. Commences flowering in July. This variety has also been used for forcing with very good results.

**Large Selected.** Each 40c.; doz. \$4.50; 100, \$30.00.

**Mammoth.** Each 50c.; doz. \$5.00; 100, \$40.00.

**Monster.** Each 60c.; doz. \$6.00; 100, \$47.50.

**Jumbo.** Each 75c.; doz. \$8.00; 100, \$60.00.

### Miscellaneous Lilies

**Canadense.** Canadian Bellflower Lily. Bright yellow flowers, spotted black inside. 3 to 5 ft. June, July. Each 40c.; doz. \$4.00; 100, \$30.00.

**Canadense Rubrum.** Crimson with black spots. 3 to 4 ft. August. Each 45c.; doz. \$4.50; 100, \$35.00.

★**Elegans, Mixed.** Shades of orange. 2 ft. June, July. Each 35c.; doz. \$3.50; 100, \$25.00.

**Henryi.** Yellow Speciosum Lily. Distinct orange-yellow flowers in great profusion. Tall grower, often 7 feet. July, August. Each 75c.; doz. \$8.50; 100, \$65.00.

**Pardalinum.** Sunset Lily. A California variety bearing 12 to 20 strongly recurved flowers of bright orange, spotted dark crimson. Moisture-loving, and does exceptionally well where lime is not prevalent. Base-rooting; plant 5 inches deep. Each 40c.; doz. \$4.25; 100, \$32.50.

**Philippinense.** This wonderful Lily produces large pure white blooms tinted with rose on the outside. In size and form it resembles the Easter Lily, with a similar delightful fragrance. It is a profuse bloomer and invaluable as a cut-flower. Each 50c.; doz. \$5.00; 100, \$40.00.

**Superbum.** Turk's-Cap Lily. Grows from 4 to 5 feet high and produces from 15 to 25 orange-red flowers on a stalk. August. Each 50c.; doz. \$5.00; 100, \$40.00.

★**Tenuifolium.** Coral Lily. A very graceful, dwarf Lily with thread-like leaves and clusters of tiny, bell-like, recurved flowers of brilliant coral-red. 1½ ft. June. Each 25c.; doz. \$2.75; 100, \$20.00.

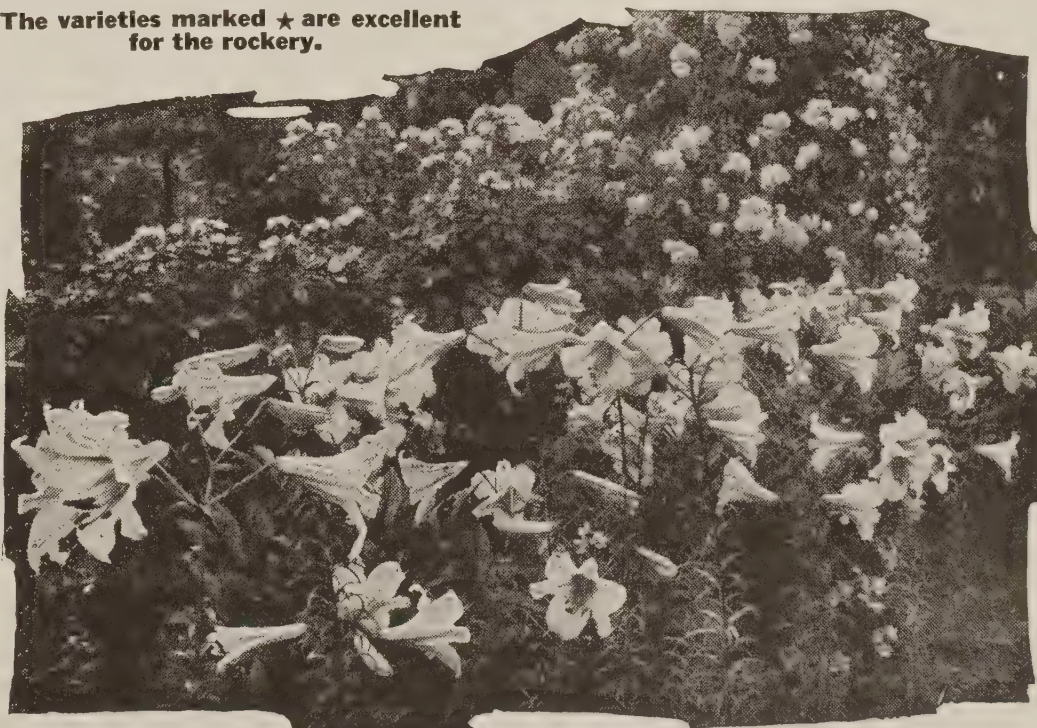
**LILIUM TESTACEUM.** Many flowers of a warm shade of nankeen-yellow. Base rooting. Height 4 to 5 feet. June, July. Plant 2 to 3 inches deep. Each \$1.25; doz. \$14.00.

The varieties marked ★ are excellent for the rockery.

**LILIUM WILLMOTTIÆ.** A vivid orange-red with recurved petals and many small brown spots. Height 4 to 5 feet. July, August. Each 45c.; doz. \$4.50; 100, \$35.00.

### Lily-of-the-Valley Pips

**Bundles.** For outdoor planting only. Bundles contain 25 good-sized pips, with good root-growth, all of which will flower with the proper care. The best of the stock is being selected for us. We can make shipment of these up to April 1. Bundles of 25 pips \$1.00; doz. bundles \$10.00.



*Lilium regale*



# Michell's Gorgeous Gladiolus

There is no other summer-flowering bulb that is enjoying so great popularity as the Gladiolus. Their adaptability to garden decoration or to use as cut-flowers during the summer and early autumn is surpassed by no other flower. They are not only showy in the garden, but when cut with the first flower open will last for ten days in the house. While they thrive in almost any good garden soil, better results may be had if soil is well prepared and enriched with some of our pulverized manures. Plant bulbs 4 inches deep and from 4 to 6 inches apart.



Gladiolus in Border

## For 1946 Gladiolus Collection

	Doz.	100
<b>Bagdad.</b> Smoky rose.....	\$0 85	\$6 50
<b>Flaming Sword.</b> Scarlet. 1 10	7 50	
<b>Gold Eagle.</b> Yellow.....	85	6 50
<b>Lavender Ruffles.</b> Pinkish lavender.....	1 25	8 50
<b>Maid of Orleans.</b> Creamy white.....	1 25	8 50

### Special Collection of above varieties

5 each 5 varieties ( 25 bulbs)....	\$2 00
10 each 5 varieties ( 50 bulbs)....	3 75
20 each 5 varieties (100 bulbs)....	7 25

## Pink Shades

**Bagdad.** Delicate smoky old-rose, deepening toward edges of petals, with lighter throat; large, wide-open flowers. Doz. 85c.; 100, \$6.50.

**Break of Day.** La-France-pink penciled on scarlet. Doz. 85c.; 100, \$6.50.

**Debonair.** La-France-pink, shading to shrimp-pink toward the center, with creamy throat. Doz. \$1.10; 100, \$7.50.

**Margaret Fulton.** Pretty soft medium dark salmon. Good pink for early midseason. Doz. \$1.10; 100, \$7.50.

**Picardy.** It makes tall growth and bears unusual spikes of beautiful flesh-pink florets, shading to soft shrimp-pink toward the edges of the petals. Doz. \$1.50; 100, \$9.00.

**Rosa van Lima.** A pure clear pink with no shade of salmon as most pink Glads have. Doz. \$1.25; 100, \$8.50.

## Yellow Shades

**Gate of Heaven.** Pure deep yellow; flowers large, heavily ruffled. Doz. \$1.10; 100, \$7.50.

**Golden Eagle.** Intense daffodil-yellow flowers with delicate pink markings on the lower petals of each flower. Doz. 85c.; 100, \$6.50.

**Paradise.** Large; tall growing; apricot; slightly ruffled with many flowers on spike. Doz. \$1.10; 100, \$7.50.

**Primrose Princess.** Large; light yellow, carmine markings. Doz. \$1.10; 100, \$7.50.

**Shirley Temple.** Light cream, with a rich creamy yellow throat; large, ruffled, 6-inch florets with as many as 8 to 10 open at one time. Doz. \$1.25; 100, \$8.50.

## White Shades

**Albatross.** Immense, pure white blooms of unusual substance. Doz. \$1.25; 100, \$8.50.

**Maid of Orleans.** Best described as creamy white. Doz. \$1.25; 100, \$8.50.

**Margaret Beaton.** Clear white with orange-red blotch. An outstanding variety. Doz. \$1.65; 100, \$11.00.

**Polar Ice.** Pure white without markings. Early flowering, with 6 to 8 well-placed blooms at one time. Doz. \$1.25; 100, \$8.50.

**Snow Princess.** Pure white, similar to Maid of Orleans and much in demand. Doz. \$1.50; 100, \$10.00.

**Vredenburg.** An early pure white of heavy substance. Doz. \$1.50; 100, \$10.00.

## Blue, Lilac, and Purple Shades

**Anna Eberius.** Color rich velvety purple, with a deep purplish red blotch on the lower petals. Doz. \$1.10; 100, \$7.50.

**Ave Maria.** Glowing lilac-blue, each flower marked with a small purple blotch. Doz. \$1.25; 100, \$8.50.

**Berty Snow.** Large pinkish lavender flowers. Doz. \$1.10; 100, \$7.50.

**King Arthur.** Immense; heavily ruffled; lavender or mauve. A unique shade that is attractive and original. Doz. \$1.10; 100, \$7.50.

**Lavender Ruffles.** Slightly ruffled pinkish lavender with a white throat. Doz. \$1.25; 100, \$8.50.

**Minuet.** Light lavender with 4 to 6 large, heavy blooms open at one time. Doz. \$1.50; 100, \$9.00.

**Pelegrina.** It has a most unusual flower and especially good all-round habits for a blue. Doz. \$1.25; 100, \$8.50.

**Pride of Wanaka.** Large; deep lavender-rose with deeper blotch in throat. Doz. 85c.; 100, \$6.50.

## Red and Scarlet Shades

**Beacon.** Salmon-red with large cream blotches; flowers large and slightly ruffled. Long, strong stems. Doz. \$1.50; 100, \$9.00.

**American Commander.** Blood-red or darker. A vigorous grower, very popular and the best red of its shade. Doz. \$1.50; 100, \$9.00.

**Dr. F. E. Bennett.** Peach-red, overlaid flame color, throat finely stippled ruby and white. Doz. \$1.50; 100, \$9.00.

**Dream of Beauty.** A rosy purplish red (deep wine color) of great beauty. Doz. \$1.25; 100, \$8.50.

**Excellence.** Bright scarlet. Early to bloom and a good variety for cutting. Doz. \$1.25; 100, \$8.50.

**Flaming Sword.** Very early. Bright scarlet-red. Doz. \$1.10; 100, \$7.50.

**Morocco.** Glistening deep red with fiery sheen. Very popular dark red. Doz. \$1.10; 100, \$7.50.

**Red Phipps.** A shade of light red. Growth is medium tall and produces long spikes of large florets. Doz. \$1.25; 100, \$8.50.

## Mixture of Gladiolus

**Michell's Giant Exhibition.** Every bulb for this mixture has been selected with the utmost care for coloring and size of flowers. First-size bulbs, doz. 85c.; 100, \$6.50; 1000, \$60.00.

Second-size bulbs, doz. 75c.; 100, \$5.50; 1000, \$50.00.



Gladiolus





## Michell's Meritorious Dahlias

**TIME OF SHIPMENT.** Unless specially requested, tubers will be shipped March 15 to June 1; plants, May 15 to June 15.

**CULTURE.** Dahlias are at their best during the latter part of September or early in October. To get exhibition blooms, disbud plants up to August 1. Spade or plow the soil 1 to 1½ feet deep; fertilize with well-rotted stable manure or Hyper-Humus; scatter about ¼ pound of bonemeal around each hill when planting. If soil is very heavy, incorporate a liberal quantity of granulated peat moss. About August 1, apply about ½ pound bonemeal to each plant and work in thoroughly; sheep manure or potato fertilizer can be substituted for bonemeal at this time to good advantage.

### How to Keep Dahlia Tubers After They Are Shipped to You if Too Early to Plant

Open package and allow tubers to remain in packing material. Do not expose to air or moisture too much; keep in a cool place, but not where they will freeze.

## RECENT INTRODUCTIONS

ID., Informal Decorative; FD., Formal Decorative; SC., Semi-Cactus; C., Cactus; IC., Incurved Cactus; Col., Collarette.

**A. G. Goodacre.** FD. Best formal yellow and white bicolor that we have found. Strong, rugged and profuse. Roots, \$1.00.

**Carl G. Dahl.** ID. Apricot-buff shaded old-rose on reverse of petals. Loose petalage with enormous blooms. Roots, \$1.00.

**Dahlia mum.** ID. A very large flower of a yellow-buff and amber combination suffused gold. Petals are twisted. Roots, \$1.50.

**De Molay.** (Dahliadel.) FD. A velvety crimson-red Formal Decorative with blooms 9 by 5 inches. A strong, rugged grower that does well in ordinary culture. Roots, \$2.00. Plants, \$1.00.

**Faithful.** SC. Bush growth is sturdy, with well-proportioned stems and glossy green foliage. Pure white blooms which are always full-centered. Roots, \$5.00. Plants, \$3.00.

**Flying Fortress.** ID. Soft scarlet with a lighter reverse. Artistic in form and brilliant in color. A profuse bloomer and a rugged healthy grower. Roots, \$3.00. Plants, \$1.50.

**Glamour.** ID. An unusual color combination of purple veined violet-rose. Tall, heavy grower with stiff stems. Roots, \$1.00.

**King David.** (Corbett-Dahliadel.) FD. A stunning 9 by 5-inch Formal of regal color. Rich deep purple, inclined to violet-purple, which does not fade. Grows about 4½ feet with plenty of stem for cutting. Roots, \$1.50. Plants, 75c.

**King Peter.** FD. A large white tipped lavender-pink. Very striking. Roots, \$1.00.

**Maffie.** (Exnar-Johnson.) SC. Bush 6 feet. Blooms 13 by 8 inches. Its lively carmine flowers were head and shoulders above the rest in a big seedling class at Camden. Roots, \$1.50.

**Major Bowes.** FD. Deep red. Fine bush of sturdy growth, with dark green foliage and blooms well proportioned. Roots, \$1.00.

**Pink Josephine.** ID. Beautiful lavender-pink. Produces large blooms on long stems. Early and prolific. Roots, \$1.00.

**Pink Profusion.** (Cordes-Dahliadel.) FD. This Formal of intense salmon-pink, edged deep rose-pink, develops a cream center as it fully opens. Perfect centers, sturdy growth, and glossy dark foliage. Roots, \$1.00.

**Rhythm.** (Dozier-Dahliadel.) IC. This 8-inch Incurved Cactus is an exquisite beauty with its attractive double serrated tips. Cameo or shrimp-pink color with suffusions of soft rose and lemon shadings at the base of the petals and center of the flower. Roots, \$3.00. Plants, \$1.50.

**Sherwood's Peach.** ID. Orange-apricot. Cane-like stems with insect-resistant foliage. Roots, \$4.00. Plants, \$2.00.

**Silver Lady.** ID. Ivory-white delicately flushed and edged violet-rose. Rugged bush, vigorous foliage and very strong stems. Roots, \$1.00.

**Teeraween's Best.** FD. Beautiful lavender flowers on good stems. Hardy bush about 5 feet tall. Roots, \$1.50.

**Temptation.** Single. Scarlet-red, almost identical to a poinsettia in color and form. Stands plenty of sunshine without burning or fading. Roots, \$3.00. Plants, \$1.50.

**The Dragon.** ID. Petals are apricot in the center, edged length-wise on both sides with rose-pink. A rugged, insect-resistant plant which can be grown by anybody. Roots, \$3.00. Plants, \$1.50.

**Whirlaway.** (Pittman-Dahliadel.) ID. Clear shade of soft lemon-yellow inclined to sulphur-yellow with rich green, glossy, holly-like foliage. Roots, \$1.00.

DAHLIAS CONTINUED ON PAGES 52 AND 53



## MICHELL'S MERITORIOUS DAHLIAS, continued



Single Dahlia

### Decorative Types

D., Decorative; ID., Informal Decorative; FD., Formal Decorative.

**Adirondack Sunset.** ID. Scarlet-red with golden tips and reverse; center golden orange. Roots, 75c.

**Alice May.** ID. Pure white with slight yellow cast at base of petals. An all-round Dahlia. Roots, \$1.00.

**America's Sweetheart.** ID. Often attains a size of 1 foot across. Color pure yellow without any shadings. Roots, 75c.

**Blue Jersey.** FD. A lavender-pink sport of Jersey's Beauty with all its growing qualities. Roots, 50c.

**California Idol.** ID. A clear, bright self-colored yellow that ranks in size with the largest. It may be grown to measure 14 inches or more across. Roots, 75c.

**Chautauqua Salute.** ID. Very attractive shade of pure white. Roots, 50c.

**Cherokee Brave.** ID. Oxblood-red that holds its color in the sun. Blooms of great depth and measure 10 to 13 inches across. Roots, \$1.00.

**Class.** FD. A fine exhibition yellow. Bush compact. Blooms have good form and size. Roots, \$1.00.

**Edward Rindfleisch.** ID. Bright scarlet; large broad petals. Flowers held well above foliage on strong stems. Roots, 50c.

**Gallant Fox.** An outstanding luminous dark red. Sturdy stem, fine color and good keeping qualities. Roots, 50c.

**Golden Beauty.** ID. Golden yellow. Most artistic with high, full centers and strong stems. Roots, \$1.00.

**Golden Eclipse.** FD. Clear golden yellow with salmon and flesh shadings at center. Roots, 50c.

**Improved Francis Larocca.** FD. Pale sulphur-yellow, very satisfactory as a cut-flower. Blooms profusely on good stems. Vigorous grower. Roots, 50c.

**Jack Rose.** ID. Free flowering; deep rose-red. Flowers keep well. Stem and bush growth excellent. Roots, 35c.

**Jane Cowl.** ID. Massive blooms of bronzy buff and old-gold, blending darker. Roots, 50c.

**Jean Kerr.** FD. A fine white Dahlia of medium size. Roots, 35c.

**Jersey's Beauty.** FD. Blooms high above the foliage on strong stems; flowers are immense, glowing pink. Roots, 50c.

**Jersey Red Beauty.** FD. Rich deep red. Perfect form and good cut-flower. Roots, 50c.

### Decorative Types, continued

**Jersey White Beauty.** FD. Pure white. Exceptional keeping qualities. Roots, 50c.

**Jimmie Foxx.** ID. Immense exhibition blooms of coppery red, shaded with henna. Strong plants producing flowers on straight stems, well above the foliage. Roots, 75c.

**Josephine G.** ID. A pleasing true pink of a bright shade, slightly veined and tipped yellow. Sturdy bush, with flowers held well above the dense foliage. Roots, 50c.

**Kentucky.** ID. Pure salmon-pink, similar in habit and form to Jersey's Beauty. Roots, 50c.

**Kentucky Sun.** FD. Clear light lemon-yellow. Large uniform blooms on strong stems. Glossy green foliage. Roots, 35c.

**Milton J. Cross.** ID. Beautiful apricot-peach, with bright golden face. Flowers of enormous size, measuring 12 inches across and 8 inches in depth, are held well above the foliage on long, straight, stiff stems. Roots, \$1.00.

**Mrs. George LeBoutellier.** ID. An exhibition variety of extra-large size and good form. Carmine-red. Roots, 50c.

**Mrs. I. de Ver Warner.** FD. A deep mauve-pink, immense flower of perfect form. Very popular. Roots, 35c.

**Mrs. James Albin.** FD. New deep yellow. Blooms are well formed and have excellent keeping qualities. Blooms freely. Roots, 75c.

**Mrs. Wm. Knudsen.** FD. A massive pure waxy white. Vigorous grower but should be planted early. Roots, 75c.

**Murphy's Masterpiece.** ID. A deep dark red shading crimson; very large blooms. Roots, \$1.00.

**Sunrays.** ID. Color, clear buff with apricot suffusion, with a distinct peach-red on reverse of petals. Roots, \$1.00.

**The World.** FD. Rich, deep rosy magenta, overlaid garnet, with silver shadings on edges. Roots, 50c.

**Thomas Edison.** FD. Royal purple. Stem and bush growth strong. Roots, 75c.

**Volcano.** FD. An orange-flame-red which holds its color in the sun. Foliage is heavy and leathery. Keeps well and stems are perfect. Roots, \$1.00.

**White King.** FD. A good standard white. Very popular. Roots, 50c.

### Beauty Collection

**California Idol.** ID. Lemon-yellow. Roots \$0 75

**Cherokee Brave.** ID. Oxblood-red. 1 00

**Louise Bates.** SC. Lavender. 1 00

**Pink Giant.** ID. Tyrian pink. 75

**Silver Lady.** ID. White and lavender. 1 00

**SPECIAL COLLECTION:** One root each of above five varieties for \$4.00.

### Garden Collection

**Blue Jersey.** FD. Lavender-pink. \$0 50

**Jersey's Beauty.** FD. Glowing pink. 50

**Jean Kerr.** FD. White. 35

**Mrs. James Albin.** FD. Deep yellow. 75

**Mrs. George LeBoutellier.** ID. Carmine-red. 50

**SPECIAL COLLECTION:** One root each of above five varieties for \$2.00.

### Cactus Types

C., Cactus; SC., Semi-Cactus; IC., Incurved Cactus.

**Amelia Earhart.** SC. Apricot-buff, with salmon tints, shading to soft yellow at base of petals. Roots, \$1.00.

**American Purity.** SC. A fine, large, deep white on strong, erect stems. Excellent keeping qualities. Roots, \$1.00.

**Cometeer.** C. Rich golden yellow. A fine cut-flower and an excellent keeper. Roots, 50c.

**Ella May.** C. Rhodamine-purple. Stem excellent and centers full. Roots, 75c.

**Flash.** SC. Petals are crimson with white tips; double serrations pointing in opposite directions. Roots, \$1.00.

**Indian Summer.** SC. Golden yellow with soft orange suffusion. Bush tall and rugged with excellent foliage. Roots, 75c.

**Jersey's Dainty.** C. A truly dainty white variety faintly tinged lavender, almost pure white late in the season. Blooms 7 inches across and 3 inches deep. Roots, 75c.

**Louise Bates.** SC. Large lavender flower; medium-sized bush. A good bloomer and early flowering. Roots, \$1.00.

**Marietta.** IC. Profuse bloomer with perfect stems and a good grower. A clear and even canary-yellow that does not burn or fade. Roots, 75c.

**Miss Elsie Jane.** SC. Most artistically formed blooms of shrimp-pink, with cream shadings at center, tipped violet-rose. Roots, 50c.

**Son of Satan.** SC. This is an improvement over Satan as it is a bright scarlet and has stronger stems. 11 by 5 inches. Bush 5 feet. Roots, \$1.00.

**Star of Bethlehem.** SC. Pure white blooms with petals finely pointed at tips, and a very high full center. Roots, 50c.

**Student Prince.** SC. A deep buttercup-yellow. Very popular. Large blooms on strong stems excellent for cutting. Roots, \$1.00.

**Treasure Chest.** SC. This golden variety is a yellow suffused coral-red of a fine rich tone. Very popular. Roots, 50c.

**Virginia Rute.** SC. Rich oxblood-red shaded garnet. Blooms have high full centers with long strong stems. One of the best. Roots, \$1.00.



Cactus Dahlias



## MICHELL'S MERITORIOUS DAHLIAS, continued

### Miscellaneous Varieties

Open-centered flowers with only one row of ray florets, regardless of form or number of florets.

**Dahliadel Twinkle.** (Orchid.) Blooms perfect in form and of a beautiful combination of white, suffused violet-rose, with distinct Tyrian rose mottlings on the reverse of the petals. Bush rather dwarf. Roots, 50c.

**Charlotte Caldwell.** (Ball.) Bright apricot suffused coral. Uniform blooms on strong stems. Roots, 50c.

**Everest.** (Orchid.) Pure white throughout. Long, graceful recurving florets. Good size. Roots, 50c.

**Marshall's Gloria.** (Single.) Striking bicolor of cardinal-red with white stripe in center of each petal. Roots, 50c.

**Pequot Yellow.** (Single.) A very large clear yellow, of good habit and growth. Roots, 35c.

**Saturn.** (Dahliadel.) Col. Pleasing clear yellow Collarette with a real yellow collar. Strong, erect stems—perfect form. Roots, 75c.

**Scarlet Century.** Bright, glowing scarlet on erect stems. Good grower with profuse, well-formed blooms. Roots, 25c.

**Tribune.** (Dahliadel.) Col. A deep, rich crimson-carmine with white collar petals that are edged carmine. Roots, 50c.

### Miniature Dahlias

This class embraces small Decorative and intermediate sorts between Pompon and Ball types. They are excellent for basket arrangement or for cut-flowers.

MD., Miniature Decorative; MFD., Miniature Formal Decorative; MID., Miniature Informal Decorative; MP., Miniature Peony-flowered.

**Andries Orange.** MSC. Bright orange of exceptionally clear and attractive tone. Stems perfect and flowers of excellent form. Roots, 50c.

**Baby Sagamore.** MD. Amber-yellow with a peach-red suffusion. Stems strong and straight and flowers well under the maximum for Miniatures. Roots, 50c.

**Billy Boy.** MFD. Deep carmine. A fine keeper; excellent for cutting purposes. Roots, 35c.



Dwarf Dahlias

### Miniature Dahlias, continued

**Bishop of Llandaff.** MD. Bright scarlet with a deep garnet center. Foliage is lacy; of a reddish bronze color. Unusual and very popular. Roots, 50c.

**Dubonnet.** MSC. Deep oxblood-red that does not fade or burn. Very profuse bloomer with sturdy compact bushes. Roots, 50c.

**Forest Fire, Jr.** MID. In color it is indeed a miniature forest fire. It is amber-yellow suffused and veined soft cardinal. This variety grows from the middle of August until frost. Roots, 50c.

**Joyce Ann.** Pink shading lighter at tips and center. Uniform, artistic and attractive blooms. Stems strong and erect. Roots, 35c.

**Little Fireball.** MFD. Very bright red. Profuse and early, with long stems. Roots, 35c.

**Little Roseata.** MFD. An excellent pink. A fine keeper, and profuse bloomer. Roots, 35c.

**Petit Prince.** MSC. Yellow base, heavily suffused crimson-red. Artistic and uniform. Strong erect stems. Roots, 75c.

**Pink Lassie.** MP. A beautiful soft shade of rose-pink with cream and lighter shadings toward center. Roots, 50c.

**Raleigh.** MID. Bushes are strong and robust, 4 feet high, and stems stiff and erect. Blooms 3½ by 2 inches, deep rose-pink, shaded salmon. One of the earliest and longest to bloom. Roots, 50c.

**Red Robin.** MFD. A bright scarlet in a true miniature of perfect form. Blooms are sun-resistant and do not fade or burn. Roots, 75c.

**Rosalie White.** MFD. Rose and white bicolor. Good grower, excellent for home decoration and cutting. Roots, 50c.

**Snowsprite.** MSC. Beautiful glistening white. Blooms of fine uniform shape are held well above robust plants in marked profusion. Roots, 50c.

**Suffolk.** MFD. Bright orange with blooms facing up on nice stems. A fine keeper. Roots, 50c.

**White Fawn.** MFD. Pure white. Rugged bush, heavy foliage and prolific bloom. Roots, 50c.

### Miniature Collection

	Roots
<b>Andries Orange.</b> Bright orange...	\$0 50
<b>Bishop of Llandaff.</b> Bright scarlet, deep center.....	50
<b>Blue Bell.</b> Blue-violet.....	50
<b>Little Roseata.</b> Pink.....	35
<b>Snowsprite.</b> Glistening snow-white.....	50
<b>Sylvia.</b> Deep carmine.....	50
SPECIAL COLLECTION: One root each of above six varieties for \$2.50.	

### Pompon Varieties

A miniature form of Ball Dahlias. Very popular and used extensively for table decorations.

**Amber Queen.** Light bronze. Free bloomer; good for cutting. Roots, 35c.

**Atom.** Fiery red of perfect form. Small, early and profuse. Roots, 35c.

**Betty Malone.** Color white with each petal distinctly tipped violet-purple. Roots, 75c.

**Brass Button.** Light yellow. Consistently small. Root, 40c.

**Chita.** Pure canary-yellow. Not temperamental. Blooms keep well. Very popular. Roots, 50c.



Pompon Dahlias

### Pompon Varieties, continued

**Clover.** A beautiful blend of white suffused pink. Prolific in blooms, all of which are small and of fine form. Roots, 50c.

**Goldilocks.** Pure gold deepening at center. Flowers well formed and excellent for cutting. Roots, 40c.

**Honey.** Pale yellow with faint suffusion of red on edges of petals. Free bloomer. Long stems. Roots, 35c.

**Johnny Peppin.** Dark red or maroon. A profuse bloomer with perfect small blooms. Roots, 35c.

**Little Edith.** Gold, suffused red. Free bloomer. Excellent for cutting. Roots, 40c.

**Little Herman.** Red and white bicolor. Very striking. Roots, 35c.

**Little Snow White.** A fine new white; free flowering. Flowers of good form with strong stems. Roots, 35c.

**Mary Munns.** Fuchsia color, orchid sheen. Roots, 35c.

**Miss Alma.** A good lavender; fine grower and profuse bloomer. Roots, 35c.

**Morning Mist.** White tipped lavender, rosy lavender at center. Very popular. Roots, 35c.

**Red Warrior.** A new bright red very much in demand. Profuse, and blooms keep well. A little beauty. Roots, 35c.

**Sherry.** A deep purple which is nearly round and very attractive. Roots, 35c.

**Yellow Gem.** Pure light yellow. Free bloomer. Long stems. Roots, 35c.

**Youlette.** Light bronze with good stems for cutting. Roots, 35c.

### Pompon Collection

	Roots
<b>Amber Queen.</b> Light bronze...	\$0 35
<b>Betty Ann.</b> Soft clear pink.....	35
<b>Edith Mueller.</b> Apricot and peach.....	35
<b>Little Herman.</b> Red and white bicolor.....	35
<b>Morning Mist.</b> White tipped lavender.....	35
<b>Yellow Gem.</b> Light yellow.....	35
SPECIAL COLLECTION: One root each of above six varieties for \$1.75.	



Have you tried growing Calla Lilies outdoors?

# Michell's Summer-Flowering Bulbs

## Amaryllis

**CULTURAL DIRECTIONS:** There are few bulbs which will give the amateur gardener (or even the professional) more for his money or time than the Amaryllis.

Place the bulbs, when they are procurable (usually from fall until spring), in pots 4 to 6 inches or more in diameter, and cover only to the shoulder of the bulb, leaving the neck protruding. Use a rich sandy loam, mixed with some bonemeal or sheep-manure. Water sparingly at first but increase as the growth increases. A temperature of from 50 to 60 degrees is the most suitable. The flower-spikes, often 3 to a bulb, will develop quickly, and each bears several of the immense, beautifully colored, lily-like flowers.

After blooming, it takes the foliage a considerable time to complete its growth, and the plants should be well cared for during that period, to insure next year's blooming. Dry off gradually and after the leaves turn yellow, keep the pots in a cool and dark place for about 4 to 5 months, when they can be started again as described above.

## Giant American Hybrids

The finest race of Amaryllis in cultivation, exceeding in size and fine form of their flowers as well as in the diversity of colors and markings, all former hybrids. Flowers striped and flaked. We offer mixed colors only.

	Each	Doz.
Large selected bulbs.....	\$0 60	\$6 75
Choice mammoth bulbs.....	85	9 50

## Michell's Superb Tuberous-Rooted Begonias

Our strain is the finest grown. The enormous flowers are of the most exquisite coloring and are produced in great abundance. These can be grown in porch- or window-boxes, or in the garden in semi-shady places; can be started in pots indoors very easily. Plant outdoors in May, in a light, well-drained soil where they will flower uninterruptedly from latter part of June till frost.

### Single Crispa Frilled Begonias (Large Bulbs)

	Each	Doz.	100
Orange.....	\$0 35	\$3 75	\$27 50
Pink, Rose.....	35	3 75	27 50
Salmon.....	35	3 75	27 50
Scarlet.....	35	3 75	27 50
White.....	35	3 75	27 50
Yellow.....	35	3 75	27 50

### Double Camellia-Flowered Begonias (Large Bulbs)

	Each	Doz.	100
Orange.....	\$0 35	\$3 75	\$27 50
Pink, Rose.....	35	3 75	27 50
Salmon.....	35	3 75	27 50
Scarlet.....	35	3 75	27 50
White.....	35	3 75	27 50
Yellow.....	35	3 75	27 50

### Double Carnation-Flowered Begonias (Large Bulbs)

The edge of each flower petal is exquisitely frilled.			
	Each	Doz.	100
Orange.....	\$0 35	\$3 75	\$27 50
Pink, Rose.....	35	3 75	27 50
Salmon.....	35	3 75	27 50
Scarlet.....	35	3 75	27 50
White.....	35	3 75	27 50
Yellow.....	35	3 75	27 50



Begonia, Camellia-Flowered

## Begonia Pendula

(HANGING-BASKET TYPE)

Unsurpassed for vases, hanging-baskets, porch- and window-boxes. Medium-sized flowers all season.

**Mixed Colors.** Each 35c.; doz. \$3.75; 100, \$27.50.

## Fancy-leaved Caladiums

These are grown for us by one of the leading hybridizers. They are charming conservatory plants. Being of a tropical nature, they like a warm temperature. They do quite well outdoors during the summer if planted in a shaded place. The foliage covers a wide range of colors, making a grand display. Bulbs should be started in moss with plenty of bottom heat.

Ask for leaflet on their culture and care.

## Extra Highly Colored Named Varieties

3 for \$1.00; doz. \$4.00; 100, \$30.00.

## Mixed Varieties

An assortment especially blended for us. 3 for 90c.; doz. \$3.50; 100, \$25.00.

**NOTE:** It often happens that the finest colored varieties do not produce the largest bulbs. The bulbs we furnish can be depended on for best results.

## Calla Lilies

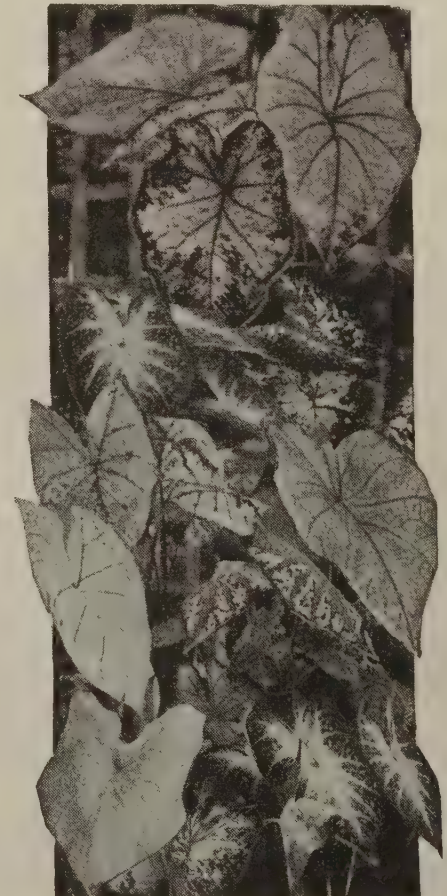
Excellent as a pot-plant for the window-garden or for growing outdoors, preferring a shaded location. May be started inside any time prior to May 1, after which they can be safely planted out.

**Elliottiana.** Yellow flower as large as the common white Calla. Spotted leaf.

	Each	Doz.	100
Selected bulbs.....	\$0 30	\$3 00	\$22 50
Mammoth bulbs...	40	4 50	35 00
Monster bulbs.....	65	7 00	50 00
Jumbo bulbs.....	85	9 00	65 00
<b>Spotted. Flowers</b>			
white. Foliage green			
spotted white.....	40	4 50	35 00

## Baby Calla

**Pink** (*Richardia Rebmanni*). Dwarf. Flowers rose-pink, fading to cerise as they mature. An unusual flower. Each 50c.; doz. \$5.50.



Caladiums, Fancy-leaved



## MICHELL'S SUMMER-FLOWERING BULBS, continued



Gloxinias

### Cinnamon Vine

Free-growing climber, with small white flowers deliciously scented. Makes a quick, dense shade. Monster roots, 3, 40c.; doz. \$1.50.

### Gloriosa superba Rothschildiana

Handsome African tuberous-rooted plant known as "Climbing Speciosa Lily," used mostly as a greenhouse climber, but can be grown successfully outdoors in a warm, sunny location. May be grown on a trellis as it finds support through the numerous tendrils. It grows 6 to 8 feet and produces large, gorgeous, lily-like flowers which open bright yellow, changing to deep scarlet. Strong tubers. Each \$1.00; doz. \$10.00.



Montbretias

### Gloxinias

Gorgeous plants for either the conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until May 15. We offer extra-fine, large bulbs.

	Each	Doz.	100
<b>Emperor Frederick.</b> Red, striped white..	\$0 50	\$5 50	\$42 50
<b>Emperor William.</b> Purple, striped white	50	5 50	42 50
<b>Mont Blanc.</b> White..	50	5 50	42 50
<b>Blanche de Meru.</b> Rose.....	50	5 50	42 50
<b>Tigrina.</b> Spotted....	50	5 50	42 50
<b>Violacea.</b> Light purple.....	50	5 50	42 50

### Hyacinthus candicans

(SUMMER-FLOWERING HYACINTH)

An ornamental midsummer-flowering plant producing from 20 to 100 large, bell-shaped flowers of a creamy white color, clustered on spikes about 2 to 3 feet long. Plant bulbs about 6 inches deep, in a sunny location and in well-drained, rich soil. The bulbs will produce a succession of spikes for two to three months, particularly if the spikes are cut off as the flowers fade. 3, 80c.; doz. \$3.00.

### Ismene calathina

(Pancratium Lily, Peruvian Daffodil)

A choice flowering bulb, blooming profusely during the summer. Clusters of large, striking, fragrant, pearly white flowers. Bulbs should be kept warm and dry and planted out the middle of May; they will commence flowering in July. Before freezing weather sets in they should be lifted and kept in a warm, dry place. Large bulbs, each 40c.; doz. \$4.50.

### Madeira or Mexican Vine

Also known as "Climbing Mignonette." A beautiful and popular vine, growing rapidly, and much prized for porches and arbors. Leaves heart-shaped and of a light green color. Racemes of feathery white, fragrant flowers produced in profusion. Should be protected with litter during the winter. Extra-large selected tubers, 3, 40c.; doz. \$1.50.

### Montbretias

Montbretias resemble miniature gladiolus, are fine for cutting, and excellent for border planting. They prefer a light, loamy soil, well enriched with leaf-mold, but no manure or chemical fertilizer should touch the roots. A little bonemeal and a light top-dressing of lime is beneficial. They will thrive either in partial shade or full sunlight, but see that the moisture supply is good at all times.

	Doz.	100
<b>Aurora.</b> A fine golden orange..	\$1 50	\$10 00
<b>Fire King.</b> Fiery red.....	1 00	7 50
<b>George Davison.</b> Pure golden yellow.....	1 00	7 50
<b>His Majesty.</b> Rich yellow center, shading to scarlet....	2 00	15 00
<b>King Edmund.</b> Rich golden yellow, with brown markings in throat.....	1 00	7 50
<b>Choice Mixed</b> .....	1 00	7 50

Other varieties of Montbretias supplied on request

### Oxalis

(SUMMER-BLOOMING)

Valuable for edging the borders of walks or flower-beds.

	Doz.	100
<b>Laslandra.</b> Rosy pink. Beautiful cut foliage.....	\$0 35	\$2 50
<b>Martiana.</b> Small white flowers.....	35	2 50
<b>Shamrock.</b> Clover-like foliage. Pink flowers.....	35	2 50
<b>Mixed Oxalis</b> .....	30	2 00

### Tigridia Pavonia

(MEXICAN SHELL-FLOWER)

**Hybrids, Mixed.** An excellent flowering bulb for the garden, known as the Tiger or Shell Flower. Colors vary from pure white to gold and vivid scarlet, all deeply blotched and speckled with crimson-maroon. Plant in May, 6 inches apart and 3 to 6 inches deep; they require treatment similar to gladiolus. 3, 50c.; doz. \$1.75; 100, \$12.00.

### Tuberoses

One of the most fragrant and popular of summer-flowering bulbs. For blooming in the open, plant about the middle of May.

**Albino or Mexican.** Single white blooms in July and August. A very free-flowering variety. The odor is less pronounced than in the double varieties. Doz. \$1.50; 100, \$10.00.

### Zephyranthes

(FAIRY LILY)

This is a small-flowering type of dwarf-growing amaryllis, flowering in profusion during the summer; also suitable for pot-culture.

	Doz.	100
<b>Carinata.</b> Very large, showy pink blooms.....	\$0 90	\$6 00
<b>Treatiae alba.</b> Pure white....	75	5 00
<b>Treatiae rosea.</b> Clear rose...	90	6 00



# Michell's Reliable Plants

## Special Notice on Guarantee

We spare no effort to supply all Plants, Trees, Shrubs, Roses, Vines, etc., of the best quality. The many causes beyond our control do not permit us to guarantee the life of this stock. That is entirely within the power of the buyer or planter. However, we will gladly replace any plant, tree, or shrub damaged in transportation if the Railway Express receipt is marked "damaged" and returned to us.

## Shipping-Time

In average seasons, applying to orders booked for spring.

**Hedge Plants, Small Fruits, Trees, Flowering and Ornamental Shrubs.** Sometimes late in March, generally during April and lasting until growth is too far advanced for transplanting with safety or assurance of stock surviving.

**Herbaceous Perennials.** April and continuing either until stock is exhausted or until season is too far advanced.

**Roses.** Weather permitting, our stock of pot-grown varieties will be shipped during the month of May.

**Bedding Plants.** Geraniums, Cannas, Salvias, etc., are usually shipped all through May and June.

## For all Mail and Express Orders

In the face of the limitations of the times, we must ask that orders call for at least

6 Plants of each variety of Annuals

3 Plants of each variety of Perennials

(Special Collections as listed on page 75 excepted)

The problems involved in handling lesser units are time-consuming, an element that must be conserved now.

In so far as stocks will be available, we will be pleased to serve customers at our Store, 518 Market St., with single plant units on a cash-and-carry basis.

## Please read carefully before ordering Plants from this Catalogue

When there are other goods on your order, please write the portion applying to plants on a separate sheet.

Plant orders are filled and shipped at what we consider the proper season for planting.

Localities where cold weather is not a permanent thing, shipments are made as soon as possible.

Shipments are best made by Express, except orders for small quantities of perennials. These can be sent by Parcel Post, if sufficient remittance on cash orders accompanies same. Parcel-Post arrangements do not apply on Bedding Plants.

## Special Attention

**NOTICE:** On receiving plants, unpack them, plant and water thoroughly immediately. If they cannot be planted at once, at least unpack and water them. Newly planted stock, no matter how moist it may appear, should at planting time and every day (in the evening) for a week thereafter, be watered thoroughly, unless we have rain each day during the period. Most losses, through Plants, Shrubs, Trees, Hedges, etc., dying, are caused by their not being watered sufficiently and regularly at planting time.

**PLEASE NOTE.** These plants do not ship satisfactorily by mail.

On all orders for Bedding Plants please note 6 plants of any variety or color is the minimum quantity for delivery by Railway Express or Local Truck.

Add 10 per cent to your order to cover delivery if less than \$3.50 value.

Small quantities will be available at our Store on a cash-and-carry basis during the planting season at especially established prices.

## Bedding Plants

### Ageratum • Floss Flower

One of the best bedding plants, being literally a mass of bloom from early summer till frost.

**Michell's Blue Boy.** Extra dwarf. The growth is uniform and even, 4 inches high, completely covered with flowers of the richest shade of blue. An excellent plant for the border. Doz. \$3.50; 100, \$25.00.

### Alyssum

**Michell's Bouquet.** Pure white flowers on dwarf, compact plants. Desirable for edging as it flowers all season. Doz. \$2.00; 100, \$15.00.

### Antirrhinum • Snapdragon

A very effective plant for massing or grouping in the flower border. Should be planted in groups of not less than six for the best effect.

**Nanum grandiflorum (Semi-Dwarf) Rust-proof.** A selected mixture of Orange-Yellow, Carmine-Rose, and White. Doz. \$3.50; 100, \$25.00.

### Asters

**Giant Branching.** A useful plant for the border and for cutting. Offered only in mixture of White, Pink, Crimson, and Blue. Doz. \$2.50; 100, \$18.00.



Begonia gracilis luminosa

### Begonias, Fibrous-rooted

**Gracilis luminosa.** A popular variety with bronzy red foliage and brilliant scarlet flowers. The ideal plant for showy masses of color in partially shaded areas.

**Prima Donna.** Lovely rose-colored flowers shading to carmine.

All Begonias, 4-in. pot-plants, doz. \$4.50; 100, \$35.00

### Carnation, Marguerite (Annual)

**Alldouble Mixed.** This is an extra-selected strain in a range of fifteen to twenty colors. The flowers are large, fully double, and very freely borne. Plants are of stocky, upright growth, excellent for cutting. Doz. \$3.50; 100, \$25.00.

### Cannas (Green Plants)

For particulars of dormant roots, see page 49.

**Ambassador.** Brilliant cherry-red flowers. Bronze foliage.

**City of Portland.** A glowing pink. Foliage green.

**King Humbert.** Its majestic growth is enhanced by its massive trusses of coppery scarlet flowers. Foliage is deep bronze.

**Richard Wallace.** Large, showy, pure canary-yellow flowers. Green foliage.

**The President.** Rich glowing scarlet. Green foliage.

All Cannas, doz. \$4.00; 100, \$30.00

Test your soil with  
Sudbury Soil Test Kits. \$9.75.

ALL PRICES SUBJECT TO MARKET CHANGES

## Philadelphia's Complete Garden Store





Bed of Double Geraniums

## Coleus

The popular bedding plant with beautifully colored foliage. Ideal for edging canna and geranium beds, also for mass plantings.

**Golden Bedder.** Rich canary-yellow foliage.  
**Queen Victoria.** Red foliage with yellow edge.

**Verschaffelti.** Dark crimson foliage.

**Rainbow Mixture.** An excellent mixture of all colors and markings.

All Colors, doz. \$2.50; 100, \$18.00

## Geraniums

**Beaute Poitevine.** Salmon-pink; very double.

**Mme. Landry.** A real coral color. Compact habit.

**Rose-scented.** The old-fashioned sweet-scented variety.

**Ricard.** Enormous bright scarlet flowers during the entire season. Compact, medium-dwarf plants.

All Geraniums, 3 for \$1.15; doz. \$4.00; 100, \$30.00

## Heliotrope • Cherry Pie

A general favorite because of its fragrance. Doz. \$4.00; 100, \$30.00.

## Lantana

A very desirable bedding plant because of its bright orange and pink shades, flowering continuously summer and fall. Doz. \$4.00; 100, \$30.00.

## Lobelia

**Compacta.** The ideal edging plant. Blue flowers. Doz. \$2.50; 100, \$18.00.

## Moon Vine

**Ipomœa noctiflora.** A pure white variety blooming toward evening and in the forenoon. The flowers are frequently 6 inches in diameter. Extra-strong plants, 3 for \$1.25; doz. \$4.50.

ALL PRICES SUBJECT TO MARKET CHANGES

## Marigold

These are favorites with all garden lovers, giving a wealth of color in the flower border and very useful for cutting.

### TALL AFRICAN VARIETIES

**Alldouble Orange.** *Originator's Stock.* This new variety will produce a large percentage of double flowers of a bright orange shade.

**Alldouble Lemon.** Fine clear yellow, all double flowers.

**Guinea Gold.** The flowers come 100 per cent double and semi-double. Color, clear orange, flushed with gold.

**Yellow Supreme.** Broad, loose, frilled petals, similar to Guinea Gold, of a rich creamy lemon-yellow color.

### DWARF DOUBLE FRENCH VARIETIES

**Melody.** *Bronze Medal, All-America Selections.* Golden yellow. Harmony type flowers.

**Spry.** *Silver Medal, All-America Selections.* Extra dwarf; very compact and uniform habit about 9 inches tall with very light orange-crested center and maroon outer petals.

All varieties of Marigolds, doz. \$2.50; 100, \$18.00



Petunia, Rosy Morn

## Petunias

### SINGLE LARGE-FLOWERED PLAIN-EDGED VARIETIES

**Michell's Dwarf Elk's Pride.** A really dwarf type of this popular Petunia in which the straggly habit is entirely lacking. The color is the well-known royal purple.

**Snowstorm.** A fine large-flowering pure white variety. Very free bloomer. Good as a pot-plant and for bedding.

All above Petunias, doz. \$4.00; 100, \$30.00

### DWARF SINGLE SMALL-FLOWERED STANDARD SORTS

**Silver Blue (Heavenly Blue).** Makes a fine bedding variety combined with Rosy Morn.

**Rosy Morn.** Dwarf, bushy plants, bearing in great profusion brilliant rose-colored flowers with a white throat.

**Rose of Heaven.** Rich, brilliant rose color.

All above Petunias, doz. \$3.50; 100, \$25.00

Our Bedding Plants in gay colors, profusely blooming and sturdy, are exceptional.

## LARGE ALDDOUBLE-FLOWERING PETUNIAS

The latest development in Double Petunias in the new Alldouble strain.

**Victorious, Mixed.** *All-America Winner.* An extra-dwarf giant mixed Petunia. The habit of growth is very dwarf and compact, the flowers large and fully double in many brilliant and fancy colorings. Doz. \$4.00; 100, \$30.00.

## Phlox Drummondii

**Gigantea Art Shades, Mixed.** *All-America Winner.* A strain with flowers 1¼ to 1½ inches in diameter, in many pleasing art shades. Plants grow about 9 inches high. Doz. \$2.50; 100, \$18.00.

## Salvia • Scarlet Sage

The Salvia is among our most popular and useful bedding plants. There is nothing more effective in midsummer or fall than these bright scarlet flowers.

**America (Globe of Fire).** Dwarf, bushy, compact grower and very uniform in height and shape.

**Splendens.** Tall-growing plants with bright scarlet flowers. 3 ft.

All Salvias, 4-in. pots, doz. \$3.50; 100, \$25.00

## Verbena

**Michell's Mammoth Fancy Strain, Mixed.** Used for edging borders or for window-boxes and vases. Doz. \$3.00; 100, \$22.00.

## Vinca rosea (Madagascar Periwinkle)

**Alba.** White, with rose eye.

**Alba pura.** Pure white.

**Rosea.** Rose with dark eye.

All Vincas, doz. \$4.00; 100, \$30.00

## Zinnias

**Michell's Giant Dahlia-flowered, Mixed.**  
**California Giants, Mixed.**  
**Elegans, Lilliput.**

All Zinnias, doz. \$2.00; 100, \$15.00



Vinca (Periwinkle)



# Michell's Hardy Perennial Plants

Those plants we have come to know as hardy perennials have long been a source of delight in American gardens. In the past twenty years many of them have been improved in size, form, and color, but none of them have lost their sentimental charm. Because they are hardy and appear each year with renewed vigor, perennials are naturally popular.

Practically all of the hardy perennials are of easy culture. By careful selection, it is possible to have a perennial garden or a border which provides showy masses of color from early spring until frost.

In planting perennials, remember that well-prepared soil will more than repay the effort involved. Don't try to crowd your perennials. Allow them ample space in the beds or borders so that they can develop their natural form. If possible, choose a location that has a background of flowering shrubs, evergreens, a hedge, or a wall. Perennials cannot be expected to grow in dense shade, but there are some that flourish better in partial shade than they do in full sun. Others must have a sunny location in order to thrive. Tall-growing plants are most effective in the background; those in the middle ground would, of necessity, be of medium height

with an occasional group taller than the rest for accent purposes. Then, those plants used at the edge of the bed or border would naturally be those of low, somewhat spreading growth.

All too often, garden enthusiasts make the mistake of buying one plant of a kind, with the expectation of getting spectacular masses of color. However, the result is usually spotty in its effect. Plant perennials in groups of three or more, making an irregular mass.

Seldom, if ever, can a perennial border be planted perfectly the first time. There are always some plants that need to be shifted to more favorable locations. But this is all a part of the fun of gardening. Why not plant a new perennial garden? There are many delightful surprises in store for you.

Plan to keep your garden in continuous bloom with Perennial Plants, that through summer into fall are free flowering, vigorous, and healthy. They make a brilliant display of varied colorings, gay as the sun, delicate as a cloud, to enhance the garden's splendor. For a more effective garden display we advise planting in groups of three or five.

VARIETIES MARKED ★ SUITABLE FOR ROCK-GARDENS

## Achillea • Milfoil; Yarrow

**Filipendulina, Parker's Variety.** The large heads of bright yellow blooms are borne on sturdy stems. 3 ft. June, July.

**Ptarmica, Boule de Neige (Ball of Snow).** The flowers are of perfect form, with full centers which makes them appear pure white. 1 ft. June, July.

**Tomentosa.** Wool Yarrow. Handsome cut foliage with bright yellow flowers. 1 ft. June.

All Achi leas, each 50c.; 3 of one variety \$1.30; 10 for \$4.00

## Aconitum

### 'Monkshood, Helmet Flower

**Fischeri.** A dwarf variety, growing 1½ feet high, with large pale blue flowers in September and October.

**Napellus, Sparks' Variety.** The darkest blue of all. 3 to 4 ft. June.

**Wilsoni.** Tall-growing. Violet-blue flowers in very late fall.

All Aconitums, each 60c.; 3 of one variety \$1.60; 10 for \$5.00



Anemone Pulsatilla

## ★Aethionema

**Warley Rose.** Loveliest of Persian Candytufts, producing neat compact plants about 8 inches tall. The little flowers are rose-pink with light veinings, and are in ¾-inch globular heads. 3, \$1.60; 10, \$5.00.

## ★Ajuga • Bugle

**Reptans.** The well-known blue variety. Will stand sun or shade. 6 in. Each 50c.; 3, \$1.30; 10, \$4.00.

## ★Alyssum

**Saxatile compactum.** An excellent, low, spreading plant for rockery or border, growing about 10 inches high. Masses of golden yellow flowers in May. Each 50c.; 3, \$1.30; 10, \$4.00.

## ★Anemone • Windflower

### SPRING-FLOWERING KINDS

#### Plant in the fall or early spring

**Pulsatilla.** Pasqueflower. 10 to 12 in. The violet-blue flowers are followed by silky seed-pods. A picturesque and curious plant.

**Pulsatilla alba.** A dainty white-flowering form.

3 for \$1.30; 10 for \$4.00

### FALL-FLOWERING KINDS

#### Plant in May.

**Alba.** Large, single flowers of purest white on splendid 4-foot plants.

**Margarete.** The double, dark pink flowers are borne in profusion on 3-foot stems.

**Marie Manhard.** Three-foot plants bearing semi-double blooms of clean white.

**September Charm.** A recent hybrid, from 2 to 2½ feet tall. It has lovely single silvery rose flowers.

**September Queen.** The rosy red flowers are semi-double and are freely produced. 2 ft.

**September Sprite.** 12 in. A charming pink variety of diminutive form.

Each 60c.; 3 of one variety \$1.60; 10 for \$5.00

## ★Anchusa • Sea Bugloss

**Myosotidiflora.** A distinct dwarf variety from the Caucasus Mountains, with clusters of pretty blue, forget-me-not-like flowers in May. 1 ft. Each 60c.; 3, \$1.60; 10, \$4.00.

## Anthemis • Marguerite

**Moonlight.** Pale lemon-yellow, daisy-like flowers. Each 60c.; 3, \$1.50; 10, \$5.50.

**Perry's Variety.** Improved golden Marguerite. Large well-shaped flowers, nearly 3 inches across, from June to October. Each 60c.; 3, \$1.60; 10, \$4.00.

## Aquilegia • Columbine

Columbines are "must" plants for every garden, however small. They adapt themselves easily and often self-sow, to the delight of most gardeners. Few plants are more graceful in form and the blooms are delightful for cutting.

**Caerulea.** 2 ft. The famous Rocky Mountain blue Columbine.

★**Canadensis.** 18 in. A native kind with reddish orange flowers. May, June.

**Chrysantha.** 2½ ft. Choice long-spurred yellow flowers.

**Chrysantha, Silver Queen.** A top-notch pure white variety.

**Crimson Star.** Large flowers with crimson sepals and spurs accentuated with white petals.

**Longissima.** 18 in. Flowers are pale yellow coloring with amazingly long spurs.

**Mrs. Scott Elliott's Strain.** Outstanding for its wide range of color. We offer these long-spurred Columbines with justifiable pride.

**Rose Queen.** Long-spurred pink flowers.

All Aquilegias, each 50c.; 3 of one variety \$1.30; 10 for \$4.00, except Aquilegia longissima, each 60c.; 3 for \$1.60; 10 for \$5.00.

ALL PRICES SUBJECT TO MARKET CHANGES



## Astilbe, Fanal is a beautiful variety

### ★Arabis • Rock-Cress

**Alpina fl.-pl.** 1 ft. Desirable double white form. April, May.

**Ferdinand Coburg.** 4 in. White flowers borne above distinct dark green foliage; compact grower.

**Spring Charm.** 8 in. New. Compact plants produce pink flowers in early spring.

All Arabis, each 60c.; 3 of one variety \$1.60; 10 for \$5.00

### ★Armeria • Thrift

**Caespitosa Hybrids.** Large flower-heads in a pleasing variety of pink shades.

**Cephalotes, Bees' Ruby.** Stout stems with large globular heads of brilliant ruby-red flowers.

**Cephalotes rubra.** 1 ft. Deep pink; very showy. June.

All Armerias, each 60c.; 3 of one variety \$1.60; 10 for \$5.00

### Artemisia • Wormwood

The Wormwoods are mainly ornamental foliage plants, always decorative. Many pleasing effects and contrasts will result by planting them among your other perennials.

**Beach** (*A. stelleriana*). 18 in. Commonly known as "Old Woman" or "Dusty Miller." It makes a lovely silver-leaved edging plant.

**Fringed** (*A. frigida*). 12 in. The daintiest of the Wormwoods, with lovely soft silvery foliage. Good in knotted herb garden. Be sure to try it!

**Mugwort** (*A. lactiflora*). 4 ft. A stately plant for the background of the border, producing pyramidal heads of fragrant, creamy white flowers during August and September.

**Roman** (*A. pontica*). 2 ft. Lacy gray-green foliage, finely cut. An effective plant in the knotted herb garden.

**Southernwood** (*A. abrotanum*). Commonly known as "Old Man." A shrubby green-foliaged plant with leaves divided into thread-like segments. Lovely planted with the Beach Wormwood.

**Silver King** (*A. alba*). 3 ft. Graceful silvery white plant, also known as "Ghost Plant." The dried foliage is attractive for winter bouquets.

All Artemisias, each 50c.;  
3 of one variety \$1.30; 10 for \$4.00

### Asclepias • Butterfly-Weed

**Tuberosa.** 2 ft. Brilliant orange flowers; a favorite for wild gardens as well as perennial borders. June, July. Each 50c.; 3 for \$1.30; 10 for \$4.00.

### Tall Fall Asters

Michaelmas Daisies  
September Blooming

#### New York Aster (Nova-belgi Type)

**Beechwood Challenger.** 3 ft. A new Aster with sturdy plants bearing masses of glowing crimson flowers. We consider this to be the finest red Aster.

**Blue Plume.** 2 ft. A choice and showy Aster with almost double flowers of deep blue. Bloom is carried in stately spikes.

**Lavender Giant.** A new introduction of our own. Large lavender-blue flowers completely cover the 3-ft. plants in graceful sprays, making this variety ideal for cut-flower use. Early September to late October.

**Mount Everest.** 4 ft. Pyramidal plants of snowy white flowers with yellow eyes. Beautiful in the garden or when cut.

**Violetta.** 4 ft. New. The darkest Aster. Lovely flowers of deep violet-purple. Sturdy plants.

All Michaelmas Daisies, each 60c.;  
3 of one variety \$1.60; 10 for \$5.00

### New England Aster (Novae-angliae Type)

**Harrington's Pink.** 4 ft. Flowers are perfectly flat, 1½ inches or more across, and of clear soft pink, with not a hint of the usual magenta found in most pink Asters. Each 60c.; 3 for \$1.60; 10 for \$5.00.

### Aster Frikarti, Wonder of Staefa

An everblooming perennial. Flowers clear azure-blue, 2 to 3 inches in diameter, on long stems. Each 60c.; 3 for \$1.60; 10 for \$5.00.

### Astilbe

**Fanal.** Spire-shaped sprays, towering 15 inches above abundant dark bronzy green foliage. See inside front cover. Each \$1.00; 3 for \$2.75; 10 for \$7.50.

### Catananche • Cupid's-Dart

**Caerulea major.** 15 in. Delightful bright blue flowers appear freely from June to late August. Each 60c.; 3 for \$1.60; 10 for \$5.00.

### Hardy Carnations

**Crimson King.** Vibrant crimson, double flowers on long stems all summer.

**Royal Cottage Hybrids.** Large double flowers, delightfully fragrant. Red, Pink, White, and Mixture.

All above Hardy Carnations, each 60c.;  
3 for \$1.60; 10 for \$5.00

### English Cottage Carnations

**Cynthia.** Pure shrimp-pink with spicy fragrance.

**Lucia.** Deep rose-pink.

**Sylvia.** Pale rose-pink edged with silvery white.

All above Cottage Carnations, each 60c.;  
3 for \$1.60; 10 for \$5.00

### Campanula • Bellflower

#### PERENNIAL VARIETIES

★**Carpatica.** Carpathian Harebell. A pretty, compact-growing variety with clear blue flowers on erect, wiry stems from July until Oct.

**Persicifolia humosa.** We are pleased to introduce this rare double form of the Peach Bell Campanula. Perfectly hardy, it yields a continuous mass of large blue cups during May, June and July.

**Persicifolia Moerheimi.** Large spikes of pure white, double, camellia-like flowers, 2 to 2½ inches in diameter. Blooms from the middle of May until late in July. 2 ft.

**Rotundifolia, Purple Gem.** A more free-flowering type. Nov.

**Telham Beauty.** Our stock is true, from imported plants, producing large single flowers of exquisite China-blue through July.

All Campanulas, each 60c.; 3 of one variety  
\$1.60; 10 for \$5.00

#### BIENNIAL VARIETIES

**Medium.** Canterbury Bells.

**Medium, Single Blue.**

**Medium, Single Pink.**

**Medium, Single White.**

**Medium, Double Blue.**

**Medium, Double Pink.**

**Medium, Double White.**

**Medium calycanthema.** Cup and Saucer.  
Blue, Pink, White.

All of the above Campanulas, 3 of one color  
and type \$1.30; 10 for \$4.00.

ALL PRICES SUBJECT TO MARKET  
CHANGES

### Cimicifuga • Bugbane

This variety will help to solve many a problem in the shady garden. Plant in large groups, and enjoy a delightful display of white spire-like flowers for several months.

**Racemosa.** 4 to 6 ft. July, August. Each 60c.; 3 for \$1.60; 10 for \$5.00.

### Clematis

★**Integrifolia caerulea.** 1 ft. The curious tubular blooms of porcelain-blue appear in June. Each 75c.; 3 for \$2.00.

### Coreopsis • Tickseed

★**Auriculata nana.** 15 in. A dainty species with clusters of golden yellow flowers. May to September.

**Golden Shower.** 18 to 24 in. A new introduction chosen for its freedom of bloom throughout the summer. Delicate star-like brilliant yellow blossoms. Graceful foliage.

**Perry's Double.** A double-flowering hybrid of unusually large size.

All Coreopsis, each 60c.;  
3 of one variety \$1.60; 10 for \$5.00

### Coronilla

★**Cappadocica.** The glaucous foliage makes a compact mat; brilliant golden yellow flowers show in great abundance. May to July. Each 70c.; 3 for \$2.00.

## CHRYSANTHEMUM MAXIMUM

### Shasta Daisies

The Shasta Daisies are among the most desirable of all cut-flower material, and are easily grown. The long-stemmed flowers are long lasting when cut. They are all nice clean whites that are unusually useful to work in with other flowers in bouquets.

**Beaute Nivelloise.** A fine new Shasta Daisy with large flowers, having two rows of lacinated petals and a clear yellow center. 18 to 24 in. All summer.

**Double White Swan.** Masses of double white flowers over a long season. 18 to 24 in. Late spring and early summer.

Above Shasta Daisies, each 60c.;  
3 of one variety \$1.60; 10 for \$5.00

**Edgebrook Giant.** A new variety of merit with 5 to 6-inch blooms on long straight stems. Overlapping, closely set petals with a clear yellow center. Each \$1.00; 3 for \$2.75; 10 for \$7.50.



Shasta Daisy (*Chrysanthemum maximum*)



# A fall garden is impossible without Chrysanthemums

## Chrysanthemum maximum (Shasta Daisy), continued

**Esther Reed.** Fully double white flowers of good lasting quality. The blooms are 3 to 4 inches in diameter and come rather freely on the sturdy plants. 1½ to 2 ft. Summer and fall. Each 90c.; 3 for \$2.25; 10 for \$6.50.

**Favorite.** This popular florist's variety is an excellent outdoor daisy bearing masses of large, semi-double, pure white flowers. 2 ft. July, August.

**Fringed Beauty.** A greatly improved Chiffon—stronger growing, with larger and lovelier blooms. Fringed, fluffy, almost double flowers much like a China Aster. Try it! Each \$1.00; 3 for \$2.75; 10 for \$7.50.

**Majestic.** Large white flowers, 5 to 6 inches across, with a small yellow center, are produced intermittently throughout the summer. Petals are straight, overlapping, and do not droop; stems are stiff and stand up well. Easily grown, it withstands adverse conditions. 18 to 24 in. Each \$1.00; 3 for \$2.75.

**Marconi.** A novelty with extra-large, double flowers about 5 inches across. We have the true stock propagated from divisions and feel sure you will be pleased with it. 2 to 3 ft. All summer. Each 90c.; 3 for \$2.25; 10 for \$6.50.

**Mt. Shasta.** Full double white flowers 3 to 4 inches in diameter with a high crested center. Stems 18 to 24 inches long make it excellent for cutting. Blooms off and on all summer. Each 90c.; 3 for \$2.25; 10 for \$6.50.

**Ophelia.** A splendid new Shasta with masses of large single daisies. 18 to 24 in. All summer.

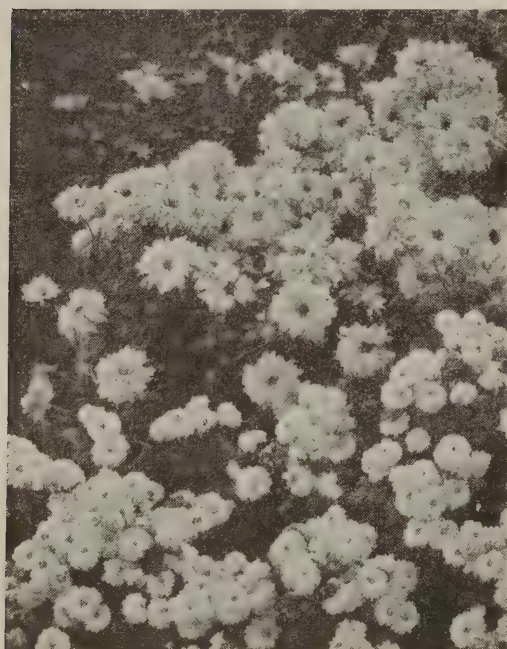
**Pride of Dixie.** Semi-double, 4-inch blooms with broad petals. Very attractive yellow center.

**Snowball.** Large double pure white flowers resembling the annual asters in form. 18 to 24 in. Blooms freely in early summer months.

**Supreme.** Extra-large, single white flowers. 2 ft. June, July.

**Supreme Double.** Large double white flowers. Each 90c.; 3 for \$2.25; 10 for \$6.50.

The above Shasta Daisies, except where noted, each 60c.; 3 of one variety \$1.60; 10 for \$5.00



Hardy Chrysanthemums

## Chrysanthemums

Chrysanthemums are the glory of the garden. Their easy culture, vigorous growth, freedom of bloom, wide range of forms, and gorgeous colors have made them an outstanding favorite. They are not only decorative in the garden, but are equally attractive in the home. Their vivid, sparkling colors add a light note to your home color effect.

### Hardy Varieties

We take pleasure in offering these new varieties of hardy Chrysanthemums, selected and tested for their hardiness, that survive the cold of New England winter with reasonable protection.

Our 3-inch pot-plants are ready around May 15. These plants will give a wealth of color in the garden through September and October.

**Apricot Glow.** The amazingly prolific plants are covered with shapely, high-centered, 2½-inch double blooms, rich apricot-bronze in color, from the middle of August until killing frost. Height, 18 inches with a spread up to 3 feet the first year. It is a dense plant, symmetrical yet informally graceful. Each 75c.; doz. \$7.50.

**Fireglow.** Brilliant Chinese red, semi-double flowers 2 inches or more across appear in early September. Even the older flowers are attractive in their bronzy red tones. It is a shapely, compact, 18-inch plant, extremely hardy and trouble free. Good for cut-flowers; fine for garden color. Each 75c.; doz. \$7.50.

**Magnolia.** Clean-cut, large, shapely, high-centered, very double blossoms of unusual texture, averaging 4 inches across and produced in generous clusters about mid-September. Color is pink shading to creamy pink with a dainty soft yellow overcast. The stocky plants average 2 feet in height, and require no staking or special attention. Bred from Nipponicum, this variety is distinct from any other sort and instantly appeals to everyone. Cuts very nicely. Each 75c.; doz. \$7.50.

**Pink Radiance.** From late September on, plants are an exuberant mass of color, carrying hundreds of blossoms 3 inches or more across. The color, luminous pink, with soft pink at the center, is unlike any other and holds well. Like its namesake, the Radiance rose, it is sure to become a favorite garden variety. Height, 2½ feet with equal spread. Each 75c.; doz. \$7.50.

### Large Double-flowered Varieties

**Avalanche.** One of the best all-round white Chrysanthemums.

**Betty.** Midseason, long-stemmed plants with enchanting double blooms of apple-blossom-pink.

**Burgundy.** Rich cerise-crimson with deeper center. Double Korean type.

**Burma.** Glistening bronze with soft orange tints and coppery overtones—a lovely unique blend impossible to describe accurately. The plant is vigorous but compact and branching in habit, with lusty green foliage. It blooms profusely from late September on through the season. Each 75c.; 3 for \$2.00; doz. \$7.25.

**Chippewa.** A sensational new giant early-blooming hardy Chrysanthemum produced by the University of Minnesota. Crimson with a purple sheen. 3 for \$2.25; doz. \$8.25.

**Cydonia.** Double flowers of a brilliant orange-mahogany. One of the brightest in our collection.

**Eugene A. Wander.** Large double, glistening golden yellow.

**Gold Treasure.** This deep golden yellow Mum is a natural for cut-flowers. Its blooms are large and bright, full double. 2½ inches across, on tall, long-stemmed plants 2 feet high. Early October.

**Jean Treadway.** The well-known lovely pink; very reliable.

**King Midas.** A very strong, free-flowering, early-blooming double Korean variety with light yellow flowers sometimes lightly blended with bronze.

**Lavender Lady.** One of the newest double Koreans. Vigorous plants producing a great abundance of double, delicate lavender flowers.

**Mandarin.** Coral-salmon and bronze blended to make a very attractive flower. The plant is compact but the blooms are carried on stiff, wiry stems.

**Mme. Chiang Kai-Shek.** Plant Patent No. 634. A new Chrysanthemum. Beautifully formed flowers, fully double, composed of stiff petals able to withstand any and all bad weather. We consider it the finest in our collection, if not the best in the country. A magnificent plant, in full flower in September. The color is excitingly lovely, a blending of chrome-yellow, cadmium-yellow, and old-gold that simply glows when the long-lasting flowers are under artificial light. Each \$1.00; 3 for \$2.75; doz. \$8.50.

**Mrs. Pierre S. du Pont III.** The Nation's favorite bronze. No double Chrysanthemum compares with this truly magnificent creation. Each 60c.; 3 for \$1.50; doz. \$5.50.

**Rapture.** Orange and carmine—a glorious blend.

**Red Velvet.** A new crimson beauty. The shapely, full, double flowers, medium in size, are carried erect on good stems. The color—velvety crimson when opening—changes to an even dark crimson, remaining attractive for a remarkably long period. Each 75c.; 3 for \$2.00; doz. \$7.25.

**Rose Glow.** Dwarf, lovely raspberry-rose-pink blossoms in glorious profusion from September on. Fine combined with soft yellow.

**Sequoia.** Elegant good-sized double blooms of a mellow amber color.

**Silver Ball.** A large clear white, incurved type. Hardy.

**Symphony.** Mauve-rose overcast with soft coppery tints.

**Theresa.** A new introduction. Coppery orange, a real fall color for the garden.

All preceding varieties, except where noted, 3 for \$1.25; 10 for \$4.00

ALL PRICES SUBJECT TO MARKET CHANGES



# Don't overlook the Hollyhock Delphiniums

## Cushion Varieties

**Dean Kay, Improved.** Double rose-pink.  
**Dean Ladd.** Reddish bronze.  
**King Cushion.** Coppery bronze.

**Lavender Lassie.** A counterpart of the ever-popular Lavender Lady, but in the smaller Pompon form. Low cushion-like habit of growth.

**Marjorie Mills.** Deep crimson shaded and burnished chestnut-crimson, later becoming suffused with rose and bronze tints. The ideal cushion variety for a border effect planted 2 feet apart in the row; height 18 inches. Late September. Above 2 varieties, each 75c.; 3 for \$2.00; doz. \$7.25

**My Lady.** Orange-yellow. Very early.  
**Queen Cushion.** White, occasionally shaded lavender.  
**September Bronze.** Golden bronze.  
**September Cloud.** White.

**September Gold.** Brilliant golden yellow blossoms, remarkably free and colorful. Each 75c.; 3 for \$2.00; doz. \$7.25.

Except where otherwise noted,  
 3 separate colors \$1.25; 10 assorted colors \$4.00

## Single-flowered Varieties

**Acacia.** Glittering yellow. Free flowering.  
**Apollo.** Bronze-red and old-gold.  
**Lovelight.** Large, pale pink, duplex flowers on a vigorous plant.  
**Orange Glow.** Lovely glowing orange.  
**Pink Charm.** Glowing pink. An ideal cut-flower.  
**Saturn.** Sparkling orange and bronze.  
**Sensation.** Red with a golden center—a pleasing color combination.  
**Silver Moon.** This gleaming white Chrysanthemum has a warmth and intensity that is entirely new. Mild sweet fragrance and attractive, contrasting dark green foliage. A fine lusty 2½-foot plant producing flowers from September on, equal to the finest greenhouse product, yet unusually frost resistant.  
**The Chief.** Scarlet flowers with yellow reverse petals.  
 All above varieties, 3 for \$1.25; 10 for \$4.00

## Pompon and Button Varieties

**Ermalinda.** A popular light violet.  
**Ethel.** Lovely bronze-red.  
**Goblin.** Warm goblin-bronze.

**Harbor Lights.** Pompon. Soft yellow and creamy white tints mingle to create a luminous, sparkling effect. September 20. Each 75c.; 3 for \$2.00; doz. \$7.25.

**Irene.** Clear white Pompon.  
**Judith Anderson.** Buttercup-yellow. Habit strong and spreading.

**Mandalay.** The recent introduction of better pompons is responsible for a new wave of popularity in this small-flowering type. Mandalay will prove a valuable contribution. Brilliant orange-bronze blooms, ideal for cutting. October 1. Each 75c.; 3 for \$2.00; doz. \$7.25.

## Pompon and Button Chrysanthemums, continued

**Mary Pickford.** A clear white Button variety.

**Ruby.** Splendid Pompons of ruby-crimson in large sprays on upright plants. Early October. Each 75c.; 3 for \$2.00; doz. \$7.25.

**Treasure Trove.** Very hardy yellow Pompon.

All preceding varieties, except where noted, 3 for \$1.25; 10 for \$4.00

## Spoon Varieties

This new race of Chrysanthemum is a distinct addition to American gardens. The uniquely formed, graceful, tubular petals are flattened at the tips to resemble a spoon—hence the name.

**Golden Spoon**  
**Jasper Spoon**  
**Orchid Spoon**  
**Pink Spoon**

**Rose Spoon**  
**White Spoon**  
**Yellow Spoon**

Separate colors, 3 for \$1.25; 10 for \$4.00

## Northland Daisies

### THE HARDY CHRYSANTHEMUMS

The color-range of these new hybrids is particularly pleasing. The unusually large blooms are borne in clusters averaging 2 to 2½ feet. The name Northland Daisy suggests their Arctic hardiness. Plant them now to make gay masses of color in the autumn garden.

**Brunnhilde.** Buff-bronze. Unusually attractive, finely cut foliage.

**Igloo.** White. A perfect mound of white flowers with yellow centers, resembling an Eskimo igloo.

**Kristina.** Rose-pink. Red buds open to an unusual shade of extremely deep rose-pink.

**Rheingold.** Golden bronze. An attractive flower with abundant, closely set petals.

**Siegfried.** Sulphur-yellow. Flowers larger than the other varieties.

**Solveig.** Pink. Vigorous plant with lovely, clear rose-pink flowers.

**Viking.** Orange-red blooms with occasional semi-double flowers.

3 each of one variety \$1.25  
 1 each of 7 varieties \$2.50  
 3 each of 7 varieties \$7.00

## Michell's Modern Hybrid Delphiniums

In every garden of distinction you will find a generous use of Modern Delphiniums.

They are majestic in the towering splendor of their perfect spikes, in their range of exquisite blues, purples, and mauves.

The plants we offer are carefully selected seedlings of the English Prize-winning Strains checked as to type, while in bloom.

**Pacific Giants.** This new strain, developed in California, carries a fine range of colors and the structure of the best foreign varieties. Our plants have been grown from the originator's own stock. Strong plants. Each 90c.; 3 for \$2.25; 10 for \$6.50.

## Michell's Pacific Giants Delphiniums, Hollyhock Strain

A welcome innovation is the following offer of the Hollyhock Delphiniums, released in four separate color groups. These plants are grown from the identical strain which comprises our well-known Named Delphiniums. The plants are all heavy, field-grown.

**Light Shades, Mauve Shades, Intermediate Shades, Dark Shades, or Mixed.** Each \$1.00; 3 for \$2.75; 10 for \$7.50.

## Standard Hardy Delphiniums

### Belladonna, Improved Cliveden Beauty.

A magnificent strain of the pure blue Delphinium, producing long spikes during June-July, and in the fall. Each 60c.; 3 for \$1.60; 10 for \$5.00.

**Bellamosum.** A dark blue form of Belladonna, with which it is identical except in color, which is a rich deep blue. Each 60c.; 3 for \$1.60; 10 for \$5.00.

### Chinensis grandiflorum, Blue Mirror.

A sensationally beautiful dwarf blue Delphinium resembling the Chinese forms, but the flowers are flat saucers of aquamarine without spurs. The habit is compact, forming neat 18-inch bushlets and the sprays are produced in endless profusion from early May until frost. This is a true perennial and is exceedingly hardy, wintering successfully at low temperatures of 16 below zero. A true joy for every garden. Each 60c.; 3 for \$1.60; 10 for \$5.00.

### Michell's Gold Medal Hybrids, Mixed.

The plants are of strong, vigorous habit, with large flowers on long spikes. Each 60c.; 3 for \$1.60; 10 for \$5.00.

### Paramount Hybrids.

These are also selections from our Hollyhock strain but can be supplied in mixed colors only. Each 90c.; 3 for \$2.25; 10 for \$6.50.



Delphiniums

ALL PRICES SUBJECT TO MARKET CHANGES

HENRY F. MICHELL CO., 516 AND 518 MARKET ST., PHILADELPHIA 5, PA.





Digitalis, Mixed

## Dianthus • Pinks

**Barbatus.** See **Sweet William.**

**Bobbie.** A deep pink gem.

**Little Joe.** A delightfully fragrant compact plant with vivid red flowers.

**Meg Gardner.** 15 in. A recent introduction bearing large white flowers with distinct red centers. June, July.

**Old Spice.** Plant Patent 499. Carnation-like salmon-pink flowers, clove-scented. Each 60c.; 3 for \$1.60; 10 for \$5.00.

**Purity.** A pure white.

**Tiny Rubies.** The miniature plants produce carnation-like flowers on stems 4 to 5 inches high. In full sun the color is pink; with partial shade it approaches rose. It is a "must" for your rock-garden.

All Dianthus, except where noted, each 50c.; 3 of one variety \$1.30; 10 for \$4.00

## Dicentra (Dielytra)

★**Eximia.** Fringed Bleeding-Heart. A dwarf-growing variety with beautiful finely cut foliage and showy pretty pink flowers. Each 50c.; 3 for \$1.30; 10 for \$4.00.

**Spectabilis.** Bleeding-Heart; Seal Flower. Its long sprays of graceful, heart-shaped flowers are always attractive. Each 90c.; 3 for \$2.25; 10 for \$6.50.

## Dictamnus • Gas Plant

**Albus.** A hardy plant that will grow and remain in the garden for many years; best left undisturbed as it improves with age. June, July. Each 60c.; 3 for \$1.60.

**Ruber.** A red-flowering form of the above. Each 60c.; 3 for \$1.60.

## Digitalis • Foxglove

**Giant Shirley, Mixed.** These are a genuine Shirley production of extraordinary size and vigor. The flower-heads are over 3 feet long, crowded with large, bell-shaped blossoms, ranging in color from white and shell-pink to deepest rose. Each 50c.; 3 for \$1.30; 10 for \$4.00.

## Doronicum • Leopards-Bane

These gleaming yellow daisy-like flowers are a top-notch source of color in the spring border and rock-garden. For best results, grow them in partial shade.

**Mme. Mason.** Compact in habit; noted for its large bloom. April, May. Each 60c.; 3 for \$1.60; 10 for \$5.00

## Eupatorium

**Celestinum.** A pretty hardy plant with light blue flowers similar to ageratum. Flowers in September. Each 60c.; 3 for \$1.60; 10 for \$5.00.

## Funkia (Hosta)

Plantain Lily; Day-Lily

**Coerulea lanceolata.** Requires a minimum of care. The plants with their lush foliage are always nice, and the flowers are lovely during summer. Each 70c.; 3 for \$1.60.

**Subcordata grandiflora.** Very large, pure white, lily-shaped, fragrant flowers. 2½ to 3 ft. Aug., Sept. Each 90c.; 3 for \$2.25; 10 for \$6.50.

**Undulata media picta.** Green and white varied foliage. Purple flowers. 2 ft. July. Each 50c.; 3 for \$1.30; 10 for \$4.00.

## Gaillardia • Blanket Flower

**Grandiflora.** Dark brown center, surrounded with a rich orange disc; petals on outer edges yellow. 3 for \$1.30; 10 for \$4.00.

**Mr. Sherbrook.** The full, circular flowers are of rich golden yellow with a pale yellow center, unstained by any other color. Each 70c.; 3 for \$1.60; 10 for \$5.00.

## ★Geum • Avens

**Fire Opal.** Dazzling rich scarlet flowers with orange sheen, often measuring 3 inches in diameter. Very free flowering. May-Oct.

**Princess Juliana.** An excellent new hybrid with large, double, pure orange flowers on stout stems. Early. June-Oct.

All Geums, each 70c.; 3 for \$1.60; 10 for \$5.00

## Gypsophila • Baby's Breath

**Bristol Fairy.** A wonderful improvement over *G. paniculata fl.-pl.* It is a distinct new form, producing immense panicles of pure white, double flowers very early in the season and continuing until frost. Each 90c.; 3 for \$2.25; 10 for \$6.50.

**Oldhamiana.** Abundant masses of white flowers delicately tinted pink. In bloom from August until late fall. 3½ ft. Each 70c.; 3 for \$1.60; 10 for \$5.00.

★**Repens.** Beautiful trailing plant for the rockery, with clouds of small white and pink flowers during July and August. Each 70c.; 3 for \$1.60; 10 for \$5.00.

## ★Helianthemum • Sun-Rose

These delightful low-spreading, shrubby plants are indispensable in the rock-garden and foreground of the hardy border.

**Ben Ledi.** A new hybrid with crimson-lake flowers.

**Buttercup.** Single; golden yellow.

**Double Yellow.** Double blooms of citron-yellow.

**Fireball.** Double; bright scarlet.

**Rhodanthum carneum.** Pale pink flowers on silvery foliage are a pleasing combination.

All the above, each 50c.; 3 of one variety \$1.30; 10 for \$4.00

## Helianthus

Hardy Sunflower

**Coronation.** Double yellow flowers, 4 inches across, with anemone centers. 4 to 5 ft. All summer.

**Gold.** Full, double yellow flowers on long stems. All summer. 4 to 5 ft. Fine for cutting.

**Multiflorus fl.-pl.** Large, double, golden yellow flowers. 4 ft. July, Aug.

All Helianthus each 60c.; 3 of one variety \$1.30

## Heliopsis

The Heliopsis are free blooming, long lasting as cut-flowers, easy to grow, and endure hot, dry conditions admirably.

**Incomparabilis.** The flowers are a rich golden yellow, nearly double, and over 3 inches in diameter. In flower continuously from July until autumn. Each 60c.; 3 for \$1.60; 10 for \$5.00.

**Patula.** Deep golden blooms, 4 inches across, produced from June until hard frost. 3 ft. Each 60c.; 3 for \$1.60; 10 for \$5.00.

## Helleborus • Christmas Rose

They grow best in rich soil and a shady location; unexcelled for the beauty of their flowers, their evergreen foliage, and their attractive appearance the year round.

★**Niger.** 1 ft. Single white blooms flushed with pink, on sturdy stems. December to March. Each \$1.50; 10 for \$13.50.

## Heuchera • Coral-Bells

Light soil and full sun suit them best, but they will make an admirable show in partial shade.

**Brizoides.** 18 to 24 in. Vigorous grower; light pink flowers. May to August.

**Rosamonde.** Pleasing coral-pink flowers on long stems. 2 ft. June-Sept.

**Sanguinea Hybrids.** A wonderful range of colors from white through the various shades of pink to deepest red.

All Heucheras, each 60c.; 3 of one variety \$1.60; 10 for \$5.00

## Hollyhocks

**Double.** Our strain of these is very fine, and we offer them in separate colors only: Yellow, Crimson, Pink, and White. Each 50c.; 3 for \$1.30; 10 for \$4.00.

**Single, Mixed.** They are of stronger growth than the double-flowering type and consequently make a better showing. We can supply these in mixed colors only. Each 50c.; 3 for \$1.30; 10 for \$4.00.

ALL PRICES SUBJECT TO MARKET CHANGES



Heuchera sanguinea





## Hemerocallis (Daylily)

The hybridizers have wrought wonders with the old-fashioned Daylily. The improvements include a wider color-range, an extended period of bloom, larger flowers, and sturdier plants. What is more, Hemerocallis are amazing in their adaptability; they are extremely hardy

and will thrive under the most ordinary conditions, blooming in full sun or partial shade. Their vigor is especially evident in dry seasons and insect pests have little effect on them.

### New Giant-Flowering Hybrids

**Apricot.** Apricot-yellow. 2 ft. May, June. Each 50c.; 3 for \$1.30.

**August Pioneer.** Chrome-orange blooms of medium size. Especially valuable for its late period of bloom—early August through September. 2½ ft. Each \$1.00; 3 for \$2.75.

**Bagdad.** Large flowers borne on plants of considerable height; coppery red petals with orange throat. 5 ft. July. Each \$1.00; 3 for \$2.75.

**Boutonniere.** Flourishing clusters of small flowers. The throat of each is orange-yellow with darker petals. 2½ ft. Aug., Sept. Each \$1.00; 3 for \$2.75.

**Curly Pate.** Medium-sized yellow, cup-shaped flowers with petals curled at the ends. 4½ ft. Each 90c.; 3 for \$2.25.

**D. D. Wyman.** Golden yellow with tawny splashes. 3 ft. Late June, July. Each 60c.; 3 for \$1.60.

**Dover.** Large; clear orange. 4 ft. June, July. Each 60c.; 3 for \$1.60.

**George Yeld.** Distinctly large; the outer petals are rich orange-yellow and the inner flushed with rose. 4 ft. July, Aug. Each \$1.00; 3 for \$2.75.

**Goldeni.** Deep golden orange; attractive in form; very free-flowering. 2 ft. Late June. Each 60c.; 3 for \$1.60.

**Gypsy.** Striking deep orange coloring; greatly admired in our garden. 3 ft. July. Each 90c.; 3 for \$2.25.

**Hyperion.** One of the most popular varieties—pale canary-yellow. 3½ ft. July. Each \$1.00; 3 for \$2.75.

**Imperator.** A distinct variety with rich orange-red coloring. 4 ft. July, Aug. Each 75c.; 3 for \$2.00.

**J. R. Crawford.** Clear gold. 4 ft. Each 90c.; 3 for \$2.25.

**J. R. Mann.** Golden yellow. 2½ ft. Each 60c.; 3 for \$1.60.

**Mandarin.** Unusually tall and especially lovely in the evenings is this lemon-yellow variety for late summer. 5 ft. Aug. Each 90c.; 3 for \$2.25.

**Mikado.** A glamorous combination—orange with a mahogany-red spot on each petal. Occasionally blooms in the fall. 3 ft. June, July. Each \$1.00; 3 for \$2.75.

**Modesty.** Palest yellow; amazing in size. 4 ft. June. Each 90c.; 3 for \$2.25.

**Mrs. A. H. Austin.** The cup-shaped deep orange-yellow blooms are of medium size; most attractive. 2½ ft. Aug. Each \$1.00; 3 for \$2.75.

**Mrs. W. H. Wyman.** Best described as pale glistening yellow. 3½ ft. Aug. Each 60c.; 3 for \$1.60.

**Ophir.** Its rich golden yellow coloring has made this a favorite variety. 4 ft. July. Each \$1.00; 3 for \$2.75.

**Pale Moon.** Soft yellow; a favorite of ours. 4 ft. Each \$1.00; 3 for \$2.75.

**Serenade.** A subtle pastel combination of yellow and pink with petals that are twisted and crinkled. 4 to 5 ft. June, July. Each \$1.00; 3 for \$2.75.

**The Gem.** An unusually popular yellow variety; large size. 3 ft. July, Aug. Each 60c.; 3 for \$1.60.

We offer two collections of these lovely Daylilies: A. for the Flower Border of 3-foot width; B. for the wider Flower Border up to 5 feet.

#### COLLECTION A

6 varieties growing 1½ to 3 ft.

<b>Boutonniere</b>	<b>Gypsy</b>
<b>D. D. Wyman</b>	<b>J. R. Mann</b>
<b>Goldeni</b>	<b>Mikado</b>

**SPECIAL OFFER . . . \$4.00**  
(Value \$4.70)

#### COLLECTION B

6 varieties growing 3 to 5 ft.

<b>Bagdad</b>	<b>Imperator</b>
<b>George Yeld</b>	<b>Pale Moon</b>
<b>Hyperion</b>	<b>Serenade</b>

**SPECIAL OFFER . . . \$5.00**  
(Value \$6.25)

ALL PRICES SUBJECT TO MARKET CHANGES





Border of Garden Iris

## GARDEN IRIS

These Iris are one of the most easily grown, early-flowering perennials. The ideal planting season is August through to October. Should it be necessary to plant in the spring, obtain your supplies as soon as frost is out of the ground. Late spring orders are carried over until the fall planting season in the interest of our customers.

### COLLECTION A

**Dauntless.** Red purple, tall and large.  
**Dove.** Large; yellow and ivory.  
**Gudrun.** White and gold.  
**Jean Cayeux.** A distinct blend of brown shades.  
**Mary Geddes.** Red blends; unique.  
**Naranja.** A beautiful orange-yellow.  
**Pink Satin.** True pink, self, tall and fine.  
**San Francisco.** White edged blue; distinct.  
**White Marble.** Pure white, fine.  
**William Mohr.** Huge blooms of self pale lilac, veined deep violet, producing a lovely effect.

Each 50c.; 3 of one variety \$1.35  
 1 each of the above 10 varieties \$4.00

### COLLECTION B

**Alta California.** The tallest of all the new yellow Iris.  
**Blue Triumph.** Sky-blue. Planted with Alta California, it makes a beautiful garden picture.  
**Clara Noyes.** A pleasing combination of many shades.  
**Crystal Beauty.** Large white with a good branching habit.  
**Dazzler.** Fine red blend; fragrant.  
**Dog Rose.** Delicate soft pink.  
**Ethelwynn Dunbar.** Deep pink self.  
**Frieda Mohr.** Pink bicolor; large.  
**Melchior.** Bronze shades.  
**Maisie Lowe.** New dark blue, bi-color.

Each 50c.; 3 of one variety \$1.35  
 1 each of the above 10 varieties \$4.00

### COLLECTION C

**Coronet.** A blend of golden tan. Very popular.  
**Crown Jewel.** Burnt-orange effect. Fine.  
**Frivolite.** Shrimp-pink.  
**Mrs. J. L. Gibson.** Deep violet.  
**Rose Dominion.** American beauty rose color; fragrant.  
**Venus de Milo.** A fine white.

Each 50c.  
 1 each of the above 6 varieties \$2.50

### COLLECTION D

**Brahmin.** A new intense blue, very much admired.  
**Bronzino.** Frosty golden bronze, growing to a height of 40 inches.  
**Copper Luster.** Copper and gold blend—copper shades in Iris has become a general favorite with many gardeners.  
**E. B. Williamson.** A coppery red, a good contrast for your white or yellow Iris.  
**Golden Hind.** Yellow tinted with orange.  
**Lilamani.** Velvety blackish self. Large flower and very striking.

Each 75c.  
 1 each of the above 6 varieties \$4.00

### COLLECTION E

**Cafe-Au-Lait.** Soft creamy tan, self.  
**Exclusive.** Periwinkle blue, makes an ideal combination with Cafe-Au-Lait.  
**El Tovar.** Used in groups of 3 or 5 it makes a massive blend of color. Tall. Late.  
**Helen M. Riedel.** A blend of fine orange tints.  
**Louvois.** Brown and maroon.  
**Treasure Island.** Olive yellow, beard deeper shade.

Each \$1.00  
 1 each of the above 6 varieties \$5.00

### COLLECTION F

Some of the newer varieties for the Iris Collector's Garden.  
**Anne Newhard.** A new pansy blue. Each \$2.50.  
**China Maid.** A blend of pink, bronze and lilac. Each \$1.50.  
**City of Lincoln.** The best variegated variety today. Each \$2.00.  
**El Mohr.** A tall William Mohr, an exceptionally fine Iris. Each \$5.00.  
**Great Lakes.** A fine new blue; very large blooms. Each \$2.00.  
**Matterhorn.** Pure white, very large. The finest white known. Each \$2.00.

Special offer, 1 each of the above 6 varieties, \$13.50

## ORIENTAL IRIS

These Iris are the most beautiful of all and are becoming more popular each season. They begin blooming about the middle of June and continue for above five to six weeks. While they succeed in almost any soil and under any conditions, they delight in a deep rich moist location.

**Azure.** Double; blue with yellow base.  
**Betty Holmes.** Large; white, orange center.  
**Catharine Parry.** Blue overlaid rosy red, high tufts in center.  
**Eleanor Parry.** Double; claret-red with white and blue flush.  
**Fascination.** Double; soft lavender.  
**Goldbound.** White with yellow stripe in center.  
**Mount Hood.** Double; rich royal purple with yellow center.  
**Purple & Gold.** Double; purple and gold streaked.  
**Pyramid.** Double; dark violet with bright yellow blotch.  
**Red Ridinghood.** Single; red.

All Oriental Iris, each 45c.; 3 for \$1.25

## Iris Sibirica

**Cæsar's Brother.** A stately plant, not too tall (30 in.). It is the best of the entire lot of dark blue Siberian Irises. Honorable Mention by the American Iris Society.  
**Perry's Blue.** A worth-while variety with very large, clear blue flowers on long stems.  
**Snow Queen.** Pure white. 2 ft.

All Iris Sibirica, each 60c.  
 3 of one variety \$1.60; 10 for \$5.00

## ★Iberis • Hardy Candytuft

**Little Gem.** A perfect gem of very dwarf habit, not over 6 inches high, with masses of white flowers in May.  
**Sempervirens.** Dwarf. Pure white flowers in June. Its uniform neat habit makes it one of our best rock or edging plants.  
**Snowflake.** Large, pure white flowers on dwarf plants.

Each 60c.; 3 of one variety \$1.60; 10 for \$5.00

## Lavandula • Lavender

**Vera.** The true Sweet Lavender with delightfully fragrant blue flowers in July and August. Each 60c.; 3 for \$1.30; 10 for \$4.00.  
**Vera rosea.** Novelty. Similar in habit to *L. vera* but the blooms are a delicate silvery pink. Each 75c.; 3 for \$1.75; 10 for \$5.00.  
**Vera, Twinkle Purple.** Plants are compact and well formed. A delightful border or edging plant. Each 60c.; 3 for \$1.50; 10 for \$5.00.



Candytuft (Iberis)



# Oriental Poppies make a spectacular show of color



Pentstemon (Beard-Tongue)

## Liatris • Blazing Star; Gayfeather

**Pycnostachya.** Showy, attractive native plants, succeeding anywhere, and producing spikes of light rosy purple flowers in July and August. 5 ft. Each 50c.; 3 for \$1.30; 10 for \$4.00.

**Scariosa.** Deep purple flowers. 3 to 4 ft. Each 60c.; 3 for \$1.50; 10 for \$5.00.

**September Glory.** It is very showy, the purple flowers being produced on extra-long spikes during late August and September. Each 90c.; 3 for \$2.25; 10 for \$6.50.

## \*Linum • Flax

**Alpinum.** 15 in. Dwarf; brilliant sky-blue flowers in summer.

**Flavum, Improved.** Golden yellow flowers produced freely from early May on.

**Perenne.** Light, graceful foliage and large blue flowers all summer.

All Linum, each 60c.; 3 of one variety \$1.30; 10 for \$4.00

## Lobelia

**Cardinalis.** Cardinal Flower. Rich fiery cardinal flowers. 2 to 3 ft. Each 60c.; 3 for \$1.30; 10 for \$4.00.

## Lupinus • Lupine

**Russell Hybrids.** An extraordinary new strain noted for its pastel colors. 3 for \$1.60; 10 for \$5.00.

## Lychnis • Campion

**Chalcedonica.** 2 ft. Brilliant scarlet blooms. June. Each 50c.; 3 for \$1.30; 10 for \$4.00.

**Viscaria splendens flore-pleno.** 15 in. This old-fashioned plant with showy heads of crimson-purple has long been a favorite. May, June. Each 60c.; 3 for \$1.60; 10 for \$5.00.

## Lythrum

**Morden's Pink.** 2 to 2½ ft. Masses of rose-pink flowers on narrow spikes. Profuse and continuous bloomer June to September. Excellent for cutting. A hardy variety growing in full sun or partial shade. Each 90c.; 3 for \$2.25.

## Monarda • Bergamot

**Cambridge Scarlet.** Oswega Tea. Crimson-scarlet. Should be in all herb gardens. Each 50c.; 3 for \$1.30; 10 for \$4.00.

**Salmon Queen.** A pleasing shade of salmon. Each 50c.; 3 for \$1.30; 10 for \$4.00.

## Myosotis • Forget-Me-Not

**Palustris semperflorens.** Perpetual-flowering Forget-Me-Not. Blue with a yellow throat. 9 in. Each 50c.; 3 for \$1.30; 10 for \$4.00.

## Nepeta • Catnip

**Mussini.** A compact grower forming tufts of small violet-blue flowers during July and August. Each 50c.; 3 for \$1.30; 10 for \$4.00.

**Six Hills Giant.** Masses of strong lavender-blue flowers in Late August. 3 for \$1.60; 10 for \$5.00.

## Oenothera

**Illumination.** Lovely Evening Primrose with great masses of deep golden yellow blooms from early June right through to August. Neat, compact plants 12 inches high. Just the plant for a hot dry spot. The attractive leathery foliage retains its freshness and vigor all summer. Each 70c.; 3 for \$1.60; 10 for \$5.00.

## Pachysandra

**Terminalis.** An evergreen, trailing plant with thick, glossy green foliage forming a dense mat. One of the finest ground-covers.

	Doz.	100
1-yr. field-grown plants.....	\$2 00	\$12 00
2-yr. field-grown plants.....	2 50	16 00
2¼-in. pot-grown plants.....	2 50	16 00

## Pentstemon • Beard-Tongue

**Barbatus, Pink Beauty.** 3 ft. Glowing pink flowers.

**Firebird (Cherry Glow).** 2 ft. An outstanding new introduction to add color to summer gardens. The individual ruby-crimson blooms are unusually large and the long spikes of bloom are especially attractive in bouquets.

**Garnet.** 18 in. The graceful stems hold loosely arranged garnet blooms. June, September.

All Pentstemons, each 70c.;  
3 of one variety \$1.75; 10 for \$5.00

## Physostegia • False Dragonhead

**Grandiflora, Vivid.** A new variety growing from 1½ to 2 feet high, bearing a profusion of bright violet-mauve flowers. Each 50c.; 3 for \$1.30; 10 for \$4.00.

## Platycodon • Balloon Flower

**Grandiflorum.** Deep blue, cupped, star-shaped flowers.

**Grandiflorum Mariesi.** 18 in. A useful dwarf variety for the foreground of the border. Blue.

**Grandiflorum Mariesi alba.** A white form of the above.

All Platycodons, each 60c.;  
3 of one variety \$1.30; 10 for \$4.00

**Grandiflorum fl. pl.** A very desirable form, quite double and free flowering. Blue. Each 75c.; 3 for \$2.00.

## \*Plumbago • Leadwort

**Larpentæ.** Plant of dwarf, spreading habit, growing 6 to 8 inches high, covered with deep blue flowers. Each 60c.; 3 for \$1.50; 10 for \$5.00.

## Pulmonaria • Lungwort

**Angustifolia azurea.** Blue Cowslip. Grows about 1 foot high and is one of the first to bloom in early spring. Flowers are a deep gentian-blue. Each 70c.; 3 for \$1.60; 10 for \$5.50.

## \*Primula, Hardy

**Acaulis, Blue Shades.** Large, single flowers in various shades of blue on strong stems.

**Munstead Giants, Mixed.** A magnificent strain of bunch Primroses, with flowers of large size in wonderful shades of yellow, from cream to rich orange.

**Red Shades.** The above strain in a variety of red hues.

**Yellow Shades.** Yellow varieties of the Munstead Strain.

All Primulas, each 75c.; 3 of one variety \$1.50  
10 for \$5.50

## Oriental Poppies

Papaver orientale

FOR SUMMER  
AND FALL PLANTING

All Oriental Poppies, unless otherwise noted, each 60c.; 3 of one variety \$1.60; 10 for \$5.00

**Barr's White.** Large, pure white flowers with purplish black spots. A free-blooming and healthy plant. Each 90c.; 3 for \$2.25; 10 for \$6.50.

**Beauty of Livermore.** The finest dark crimson with black blotch. Free bloomer.

**Cavalier.** Crinkly, deep scarlet-red flowers. Strong grower and free in bloom.

**Fairy.** Pale pink.

**Gold of Ophir.** Golden orange, approaching true gold.

**Henri Cayeux Improved.** Old-rose shading to burgundy.

**Jeanne Mawson.** Sparkling geranium-pink; large. A beauty.

**Joyce.** Charming soft red flowers in great abundance on 48-inch stems. Sturdy growth. Each 90c.; 3 for \$2.25; 10 for \$6.50.

**Lachs Konigen.** One of the finest, strongest-growing deep salmon-pinks.

**May Sadler.** Large; salmon-pink with very large black blotches.

**Mrs. Perry.** Orange-apricot. Very fine.

**Orange Perfection.** Flame-red tinted orange. Strong growing and free flowering.

**Purity.** Pure soft white without any spots or markings. Very fine.

**Salmon Glow.** Salmon-orange. First blooms are very double but later ones are only slightly so. Each 90c.; 3 for \$2.25; 10 for \$6.50.

**Snowflake.** A curious bicolor; the lower half of the flower is pure white and the upper half flame-orange. New and different. Each 90c.; 3 for \$2.25; 10 for \$6.50.

**Tangerine.** Pure bright orange.

**Trilby.** Dark lustrous red. Tall stems.

**Wurtembergia.** Large; deep scarlet. Very striking. Each 90c.; 3 for \$2.25; 10 for \$6.50.



Hardy Primulas



## Michell's Giant-flowering Peonies

Our Peonies are strong 3 to 5-eye divisions. A pleasing combination is to use daffodils and hardy lilies among the Peony group. This will give color in that section of the border or garden—spring, summer, fall. A border of this combination is the most economical of maintenance.

✎ **ORDERS FOR PEONIES TAKEN FOR FALL DELIVERY ONLY.** ✎

For a full and complete list of Peonies, see our bulb catalogue, ready in September

### Pink and Rose Shades

**Edulis Superba.** The only Peony offered that is rated under 8, and there is no reason why it should carry this low rating as it is really a good Peony—early, free-flowering, and a fine cut-flower in the dark pink class. Each \$1.00.

**Lady Alexander Duff.** Immense flowers, 4 to 6 on a stem. Beautiful flesh-pink with golden anthers. Each \$1.50.

**Martha Bullock.** Rose-pink; large flower. Each \$1.00.

**Miss Minneapolis.** Pale pink. Each \$5.00.

**Mons. Jules Elie.** A large early-flowering Peony. One of the very best for cutting. Pale lilac-rose with an attractive silvery reflex. Each \$1.00.

**Sarah Bernhardt.** Very large, late rose-pink flowers. One of the very best for exhibition and cutting on account of its perfectly formed flowers and graceful stems. Blooms very freely. Each \$1.00.

### Red and Crimson Shades

**Felix Crousse.** Late midseason red Peony. Probably the largest seller of all in its color. Each \$1.00.

**Francois Rousseau.** A fine red with a dark silky sheen at the base. Each \$1.00.

**Grover Cleveland.** Dark crimson, good. Each \$1.00.

**Karl Rosenfield.** Tall; midseason. Globular semi-rose-type flowers of bright crimson. Each \$1.00.

**Longfellow.** One of the most popular red varieties because of its distinct fadeless color and general dependability, both for cutting and garden decoration. Comes into bloom early midseason. Excellent foliage and long stiff stems. Each \$1.00.

**Philippe Rivoire.** Early flowering. Dark crimson; very symmetrical and with a rich rose scent. Each \$2.00.

### White and Cream

**Baroness Schroeder.** A tall midseason Peony with large, globular, flesh-white blooms. Each \$1.00.

**Festiva Maxima.** One of the oldest of the white Peonies and some say the very best. A sure bloomer. Early. Each \$1.00.

**Kelway's Glorious.** Creamy white with slight flecks of crimson. Very fragrant and considered one of the very best white Peonies. Late midseason. Each \$1.50.

**Le Cygne.** This creamy white variety holds the high rating of 9.9 from the American Peony Society. Very free flowering. Each \$2.00.

**Myrtle Gentry.** Blush-white. Late. Each \$3.00.

**Solange.** Cream. Very late. Each \$1.00.

### Yellow Shades

**Betty Blossom.** Soft yellow effect. Each \$2.00.

**Primevere.** A most attractive midseason variety with a sulphur-yellow center and creamy guard petals. Each \$2.00.

## Hardy Summer Phlox

Phlox is the backbone of the summer garden and it can be depended upon to produce a great abundance of bloom over a long period. For a colorful display select early, midseason, and late kinds. Plant broad masses of white with the more brilliant colors. Three plants of an individual variety grouped together will make a brilliant showing.

The following varieties are each 70c.; 3 of one variety \$1.60; 10 for \$5.00

**Border Queen.** 1½ ft. Early. Large florets of deep watermelon-pink.

**Caroline Vandenburg.** 2 ft. Midseason. Lavender-blue hybrid.

**Count Zeppelin.** 2 ft. Midseason. Large white flowers with deep crimson eye.

**Daily Sketch.** 3 ft. Midseason. Extra-large trusses and individual florets of light salmon-pink with faint carmine eye.

**E. I. Farrington.** 3 ft. Midseason. A most striking Phlox with large heads of salmon-pink flowers.

**Leo Schlageter.** 2½ ft. Midseason. Scarlet-red with an orange cast.

**Lilian.** 2½ ft. Early. Lovely pure pink.

**Miss Lingard.** 3 ft. Very early. Pure white. Useful for cutting.

**Rosalinda.** 3 ft. Late. A pink form of Miss Lingard.

**Starlight.** 2½ ft. Midseason. Violet-red florets shading lilac, white center.

**Thor.** 2 ft. Midseason. The florets are a combination of salmon-pink with a scarlet glow.

The following varieties are each 90c.;

3 of one variety \$2.25; 10 for \$6.50

**Appleblossom.** 3 ft. Midseason. A beautiful soft pink.

**Atlanta.** Pat. 329. 2½ ft. White shading pale blue, deeper blue eye.

**Augusta.** Pat. 252. 2½ ft. Midseason. American Beauty red.

**Charles H. Curtis.** 2½ ft. Late. A lovely sunset-red.

**Dr. Klemm.** 2 ft. Midseason. Lavender-blue, with rich purple centers.

**Fairy King.** 2 ft. Late. Large rounded heads of soft lavender. Resistant to the usual Phlox diseases.

**Flash.** 3 ft. Midseason. Gorgeous carmine-crimson flowers with orange-scarlet centers. Very showy.

**Mary Louise.** 2½ ft. Late. The best pure white, with heads of unusually large size. Clean foliage.

**Progress.** 2½ ft. Midseason. Light blue with deeper purple-blue eye.

**Ruby Lee.** 3 ft. Midseason. Extra-large, plum-red flowers. Healthy and vigorous.

**Salmon Beauty.** 2 ft. Midseason. Salmon-pink accentuated with white eyes.

### Phlox Subulata • Moss Pink

Each 50c.; 3 of one variety \$1.30; 10 for \$4.00

**Alba.** White.

**Blue Eyes.** Light blue.

**Brightness.** New. Attractive bright pink.

**Rosea.** Rose color.

**Sampson.** New. Deep rose with crimson center, distinct and lovely. Also offered under name of Sensation.

**Vivid.** A compact and showy grower with fiery rose flowers.

### Miscellaneous Hardy Phlox

Each 70c.; 3 of one variety \$1.60; 10 for \$5.00

**Camla.** An English novelty. The large flowers are glistening pink. Blooms again in the fall.

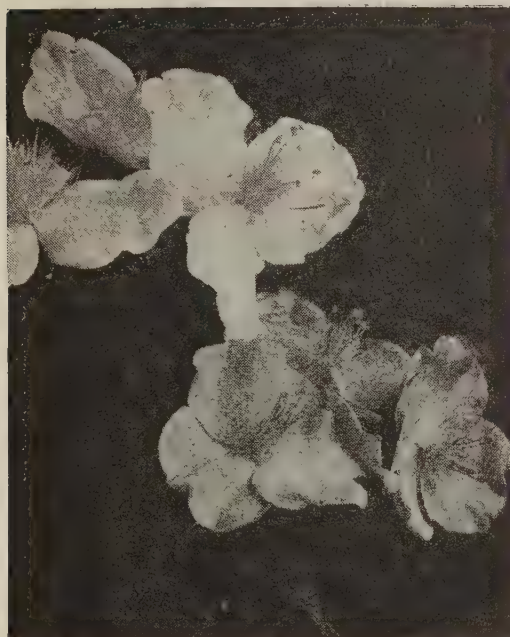
**Divaricata.** Our beautiful blue native Phlox. Does well in the shade.



Hardy Phlox



# Violas are everybody's favorite



Tradescantia

## Polemonium • Jacob's Ladder

**Blue Pearl.** Has elegant, deep green, finely cut foliage and showy spikes of attractive baby-blue flowers. April, May. 3 for \$1.60; 10 for \$5.00.

## RUDBECKIA

**Purpurea, The King.** A crimson-red form that can be combined effectively with White Lustre. Each \$1.00; 3 for \$2.50.

**White Lustre.** This new Rudbeckia we feel confident will take its place as an important addition in many perennial gardens. You can count on White Lustre to reach 3 feet in height. Blooms freely on sturdy stems from late June to September. Each \$1.00; 3 for \$2.75.

## Salvia • Sage

**Pitcheri.** Similar to Azura but of more branching habit and larger flowers of rich gentian-blue. 3 to 4 ft. Each 75c.; 3 for \$1.60; 10 for \$5.00.

## Scabiosa

**Isaac House Giants.** Lavender-blue flowers on strong 18-inch stems from June until September. Each 90c.; 3 for \$2.25; 10 for \$6.50.

## Sedum

**Spectabile.** A pretty, erect-growing variety with broad, light green foliage, and immense heads of showy, rose-colored flowers during the autumn. 1½ ft.

**Spectabile, Brilliant.** A rich-colored form of the above, being a bright amaranth-red. Above Sedums, each 60c.; 3 for \$1.30; 10 for \$4.00

## \*Statice Limonium

### Sea-Lavender

**Latifolia.** Great Sea-Lavender. Handsome plants with heads of dark blue flowers that when dried last for months. 1 to 2 ft. Each 75c.; 3 for \$1.60; 10 for \$5.00.

## Stokesia • Cornflower Aster

**Blue Moon.** A new and striking giant-flowering form of lavender-blue. Each 70c.; 3 for \$1.60; 10 for \$5.00.

## Sweet William

### Dianthus barbatus

**Michell's Prize Mixture.** All colors.

**Pink Beauty.** Sometimes called "Newport Pink." An excellent shade of salmon with immense flower trusses.

**Scarlet Beauty.** A deep scarlet shade.

All Sweet Williams, 3 for \$1.30; 10 for \$4.00

## Thalictrum • Meadow-Rue

**Adiantifolium.** A beautiful variety with foliage like the maidenhair fern and miniature white flowers in June and July. 1½ to 2 ft. 3 for \$1.30; 10 for \$4.00.

**Glaucum.** Blue-gray leaves rather finely cut, with heads of fragrant Chinese yellow flowers. 3 for \$1.30; 10 for \$4.00.

**Lavender Mist.** Large, loose flower panicles of lavender-purple. Each 75c.; 3 for \$2.00.

## Tradescantia • Spiderwort

Ideal plants for shady locations. The common old-fashioned forms were known to our grandmothers, who had many names for them. The hybridizers have been at work improving them not only in color and size of bloom, but they have considerably lengthened the period of bloom.

## NEW TRADESCANTIAS

Sent out by the U. S. Department of Agriculture.

The descriptions are those of the Department. Height 15 to 20 inches.

**Blue Stone.** Low-growing. Large rich blue flowers.

**Iris Pritchard.** White flowers, heavily stained with azure-blue; blue center. Late bloomer.

**James Stratton.** A variety with large flowers, 2½ inches from tip to tip; color deep delphinium-mauve, slightly shaded with rose.

**Pauline.** Flowers are rosy mauve. Vigorous.

**Purple Dome.** A vigorous plant with large clusters of rich purple flowers.

A Tradescantia collection in your shady garden will make an interesting planting.

A single plant of any variety, 70c.;

3 of one variety \$1.60; 10 for \$5.00

## \*Tunica

**Saxifraga rosea fl.-pl.** A pretty, double-flowering form of Saxifraga. Perpetual flowering from June until late in the fall. Each 70c.; 3 for \$2.00; 10 for \$5.00.

## Veronica • Speedwell

**Blue Spire.** A hybrid of *V. longifolia sub-sessilis* and *V. spicata* which has retained the glorious dark color of *Subsessilis*. See inside front cover. Each 75c.; 3 for \$2.00; 10 for \$5.00.

\***Incana.** Bright silvery foliage with spikes of amethyst-blue flowers during July and August. 1 ft. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**Longifolia subsessilis.** Japanese Speedwell. The handsomest blue-flowered plant we know, growing to a height of 2 feet and completely studded with its spikes of blue flowers; fine for cutting. Aug.-Oct. 3 for \$1.60; 10 for \$5.00.

\***Rupestris, Heavenly Blue.** Dwarf and spreading. Flowers very early, of an exquisite shade of blue. Each 70c.; 3 for \$1.75; 10 for \$5.50.

\***Rupestris, True Blue.** Literally covers itself with blossoms of intense blue during June and July. 1 ft. Each 70c.; 3 for \$1.75; 10 for \$5.00.

## Valeriana • Valerian

**Officinalis.** Hardy Garden Heliotrope. Produces, during June and July, showy heads of rose-tinted white flowers, with heliotrope odor. 3 to 4 ft. 3 for \$1.30; 10 for \$4.00.

## Viola Odorata • Sweet Violet

**Double Russian.** Perfectly hardy anywhere, producing double, sweet-scented flowers in abundance. 3 for \$1.60; 10 for \$5.00.

**Royal Robe.** A distinct addition to the Violet family that deserves a place in your shady rock-garden, or as a ground-cover. Flowers are a lustrous shade of violet-blue. A dozen of these plants will furnish quantities of bloom during early winter and early spring, a time when cut-flowers are highly prized. 3 for \$1.60; 10 for \$5.00.

## Viola Cornuta • Tufted Pansies

### Newer Hybrids

**Jersey Gem.** Without doubt the best bedding Viola yet introduced, flowering continuously from April until heavy frost. Flowers pure violet, on stems about 6 inches long.

**Purple Glory.** Extra-large, rosy purple flowers on stems 8 to 10 inches long.

**Wedgwood.** One of the best, producing beautiful Wedgwood-blue flowers.

**Yellow Queen.** Another large-flowered type with deep pure yellow flowers.

All above Viola Cornutas, each 60c.; 3 of one variety, \$1.15; 10 for \$4.00

## \*Vinca

### Periwinkle; Trailing Myrtle

**Alpina.** This Vinca is a deep, glowing velvety claret. Although endowed with a vigorous constitution, the habit is refined, compact, and never becomes straggly.

**Bowles Variety.** The foliage is a rich glossy green, of strong texture. Flowers are large, of a deeper rich blue and are borne with remarkable profusion.

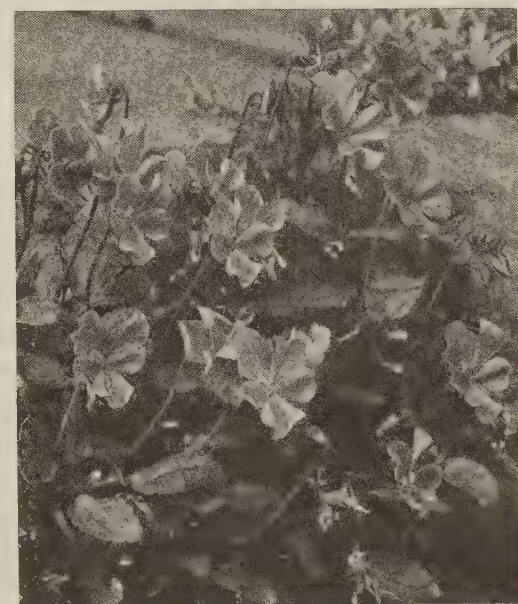
**Minor alba.** A white-flowering form of the above.

**Minor aurea.** Golden variegated foliage and blue flowers.

All Vincas, 3 for \$1.20; 10 for \$4.00

## Yucca • Adam's Needle

**Filamentosa.** White, with reflexed flower bells. 3, \$1.25; 10 for \$4.00.



Viola, Jersey Gem



# Michell's Hardy Garden Roses

## SELECT LIST OF OUTSTANDING ROSES

Dormant Roses will be shipped up to April 10, 1946. Orders after that date will be pot-grown Roses and deliveries will be made from the middle of May until the end of June, as long as the varieties are available.

Price of Pot-grown Roses, each \$2.00; 3 for \$5.75, except where noted

**Ami Quinard.** Dainty buds of deep maroon unfold to beautiful urn-shaped flowers of black-lustered red, with Damask fragrance. The petals are like shining crimson velvet. Very free in bloom.

**Betty Uprichard.** Long-pointed buds, opening to large, long-lasting, very fragrant, salmon-pink flowers; reverse carmine with a coppery sheen.

**Blanche Mallerin.** Plant Patent No. 594. Pure white, fragrant. The petals are as white as alabaster, with a live satiny sheen. The streamlined buds come erect on healthy, upright plants. Lovely for cutting. Each \$2.50; 3 for \$7.25.

**Christopher Stone.** Alluring Damask fragrance is only one of the fascinations of this Rose, for it has long-pointed attractive buds that open to vivid scarlet flowers in early summer. In the fall the petalage increases and the flowers become crimson with blackish shadings.

**Condesa de Sastago.** Fragrant yellow and raspberry-red bicolor. This gay Rose with the colors of sunny Spain will live in any planting.

**Countess Vandal.** Plant Patent No. 38. Noted for the long tapering buds of orange-copper. Flowers are carried on long stems and last well.

**Crimson Glory.** Plant Patent No. 105. Glorious in its perfect form, its size, and its fragrance. The deep vivid crimson, shaded ox-blood-red and finished with a velvety nap, is still "tops" among red Roses. Each \$2.50; 3 for \$7.25.

**Eclipse.** Plant Patent No. 172. The long, streamlined bud, often more than 2 inches long, enhanced by ornamental sepals, is of rich gold without shading. Vigorous, branching plants with healthy foliage and a free-blooming habit. The elegant buds are especially nice for boutonnieres. Eclipse is among the most popular Roses in America. By all means include it in your garden. Each \$2.50; 3 for \$7.25.



Rose, Crimson Glory

**Editor McFarland.** Deep pink blooms. Vigorous, upright plants are freely furnished with beautifully modeled buds and fragrant blooms on strong, wiry stems.

**Etoile de Hollande.** This Rose charms continuously with its delightful crimson color. One of the finest, most richly fragrant everblooming red Roses.

**Fred Edmunds.** Plant Patent pending. Burnt-orange buds open to glorious 25-petaled blooms of vivid glowing coppery orange color, which slowly changes to soft apricot. Each \$2.50; 3 for \$7.25.

**Grande Duchesse Charlotte.** Plant Patent pending. The lovely burnt-carmine color of this Rose is unmatched by any other. The enchanting, streamlined buds come singly and freely on long wiry stems, making them excellent for cutting. When unfolding, the 25 petals recurve and make a delightfully informal, artistic flower with a hint of carnation fragrance. Each \$2.50; 3 for \$7.25.

**Horace McFarland.** Plant Patent pending. A Rose of beautiful exhibition form and glorious color. Deep apricot-colored buds open to rich buff-salmon, which changes slowly to a pleasing coral-pink. The flowers are large, of 40 to 45 petals which are also large, firm and long lasting. Strong stems hold the long, tapered buds firmly upright, well above the leathery foliage, making it an excellent variety for cutting. Plant of medium height; flowers spicily fragrant. Each \$2.50; 3 for \$7.25.

**Lady Ashtown.** Long-pointed buds and perfect carmine-pink blooms with a golden underglow.

**Mme. Cochet-Cochet.** Plant Patent No. 129. The long, pointed buds open to large, semi-double, artistic coppery pink flowers that simply glow with a mass of golden anthers that reflect a golden shade on the inside petals. Rich honey-like fragrance.

**Mme. Jules Bouche.** Large, beautifully formed buds of creamy white open with a dainty flush of pink in the center of the flower.

**Mirandy.** Plant Patent No. 632. Winner in All-America Rose Competition for 1945. Destined to be a most popular crimson Hybrid Tea for years to come. Has a splendid plant habit, the bush growing erect and symmetrical. It is clothed to the base with broad, olive-green, heavy-textured foliage. Huge, 50-petaled, deep crimson flowers open slowly from ovoid buds, often long-pointed, and filled with rich, penetrating Damask fragrance. Each \$2.50; 3 for \$7.25.

**Mrs. Erskine Pembroke Thom.** Long, shapely buds of large size, developing into full, double flowers of deep lemon-yellow color; sweetly scented.

**Mrs. Pierre S. du Pont.** Medium-sized long-pointed buds of reddish gold, opening to semi-double, cupped, very lasting, fragrant flowers of a deep golden yellow. A strong, vigorous, compact grower.

**Peace.** See page 75.

**Red Radiance.** Counterpart of Radiance from which it is a sport, possessing all of the good points of that variety, but differing in color, which is bright cerise-red.

**Talisman.** Its combination of apricot, gold, and deep rose-pink gives a glittering mass of color over a long period of time.

**Texas Centennial.** Plant Patent No. 162. This richly fragrant variety is a blood-red sport of the great President Herbert Hoover Rose, and has all the good qualities of its parent.

## Large-Flowering Polyantha or Floribunda Roses

Each \$1.50; 3 for \$4.25, except where noted

**Betty Prior.** Plant Patent No. 340. Large branching clusters of single two-tone red and pink blooms, resembling red dogwood in shape, size and color, are borne continuously on erect plants, 3 to 3½ feet in height.

**Floradora.** Plant Patent pending. For scintillating brilliance this new Rose surpasses all others. The color is bright cinnamon with shades of scarlet and geranium-red. It can only be matched by the most brilliant azaleas which bloom for two weeks in the spring, while the vivid, exciting blooms of this new Rose are borne continuously for five months in the year.

**Permanent Wave.** Plant Patent No. 107. Wavy-petaled blooms of rich rose-pink come in clusters of six or more from unique, bronzy buds. Each flowering branch makes a long-lasting charming bouquet. Growth 2 to 2½ feet.

**Pinocchio.** Plant Patent No. 484. Free-branching, continuous-blooming plants, with ample dark green foliage, grow 20 to 24 inches in height and provide quantities of exquisitely lovely, full-petaled blooms of salmon-pink, flushed with gold. As a border plant, Pinocchio is charming. The dainty blooms, coming in sprays, can be used for mass decorations.

**Red Ripples.** Plant Patent applied for. This thrilling beauty is sensational when gaily decorated with its open clusters of vivid scarlet, wavy-petaled blooms. The dainty streamlined, scarlet buds make perfect boutonnieres. Height 2½ feet.

## TRI-OGEN

### The All-Purpose Spray

FUNGICIDE—INSECTICIDE  
PLANT STIMULANT

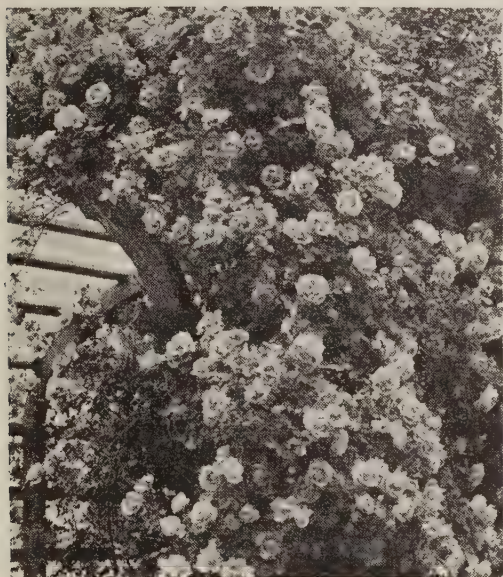
Complete protection against plant insects and diseases. Mildew and black-spot easily controlled with this spray treatment.

- A. Small Kit (makes 16 qts.).....\$1 50
- B. Medium Kit (makes 64 qts.).... 4 00
- C. Large Kit (makes 32 gals.).... 6 00
- D. Estate Kit (makes 128 gals.)... 20 00

All Rose-lovers will be interested in the new introductions. When you know exactly what Red Radiance or Crimson Glory will do in your garden, then greater thrills are ahead when planting a Rose with a new name and a new plant habit.

ALL PRICES SUBJECT TO MARKET CHANGES





Climbing American Beauty Rose

## Hardy Climbing and Rambler Roses

As ornamental plants for covering verandas, porches, side walls, pillars, fences, etc., these are unequaled, calling forth more admiration than anything else that can be used. The large-flowered varieties require no pruning beyond the removal of very old and worn-out canes, and the thinning out of weak growth. Canes becoming too long may be shortened.

The Ramblers, or small-flowered cluster type, should have the old canes removed at the base as soon as they finish blooming, training the new canes into place for next year's bloom.

**Climbing American Beauty.** The name of this Rose is rather misleading, yet on its own merits it is an excellent Climber. It blooms only in June, when it bears an abundance of large, bright self-colored, rose-pink flowers.

**Blaze.** Plant Patent No. 10. Scarlet-crimson blooms.

**Doublons.** Plant Patent No. 152. Here is a gloriously lovely climbing yellow Rose, noted for hardiness and vigorous, healthy growth, and furnished with dark green leathery foliage. The shapely buds open to large firm-textured blooms of saffron-yellow with clean, spicy fragrance.

**New Dawn.** Plant Patent No. 1. Blush-pink. Everblooming.

**Paul's Scarlet Climber.** No other Rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching until the petals fall.

All Hardy Climbing and Rambler Roses, each \$2.00

## Hardy Miniature Roses

**Pixie.** Plant Patent No. 408. The world's tiniest double white Rose. It shows pink shadings in cool weather.

**Rosa Rouletti.** A unique little Rose discovered in Switzerland. Very dwarf and blooms from May until November. Tiny, double, rose-pink flowers less than 1/2 inch in diameter.

All Hardy Miniature Roses, 3-in. pot-grown plants, each 85c.; 3 for \$2.25

# Water-Lilies and Other Plants for the Garden Pool

Please Note that these plants have to be shipped direct to you from the pools where they are grown.

## Hardy Water-Lilies

**Aurora.** Rosy yellow, changing to deep red on the third day; stamens orange. Each \$2.25.

**Chromatella.** Clear rich yellow. Very prolific. Each \$2.75.

**Comanche.** The flowers are a combination of orange and amber-red. Each \$3.00.

**Gloriosa.** Large red flowers perfumed like apple-blossoms. Each \$3.50.

**Hopatcong (odorata gigantea).** This native of the southwestern states requires deeper water than usual and more room to spread than any other. Leaves are light red underneath. Flowers very large and pure white. Each \$1.25.

**Marliac White.** Pure sparkling white; good size; fragrant. Excellent for cutting. Each \$2.25.

**Pink Opal.** Deep rich pink; moderate size. Does especially well in restricted areas. Each \$2.25.

**Rose Arey.** Deep cerise-pink; sometimes reaches 8 inches in diameter. Petals pointed with a noticeable curl, giving effect of darker shading near the edges. Each \$3.00.

## Tropical Water-Lilies DAY BLOOMERS

**Blue Beauty.** Blue of the summer sky with stamens marking gold lines over the petals. Flowers larger than most of the tropics. Blooms freely and continuously all summer. Each \$3.00.

## NIGHT BLOOMERS

**Emily G. Hutchings.** A new night-blooming Lily with large cup-shaped flowers of an amaranth-pink. Each \$3.00.

**Frank Trelease.** Dark crimson; stamens mahogany; petals long, narrow and rounded at the ends. At first the leaves are green, mottled with dark red, changing to bronzy red as leaves mature. Each \$3.00.

## Aquatic Plants HARDY

**PONTEDERIA cordata.** Pickerel Rush. Blue flowers produced freely. Total growth about 2 feet. 3 for \$1.35.

**SAGITTARIA sagittifolia.** Giant arrow-head. Long strap-like green leaves 1 to 3 feet above water. 3 for \$1.35.

## TROPICAL

**CYPERUS alternifolius.** Umbrella Plant. Will grow 4 feet high. Successful in small pools or in moist ground. 3 for \$1.50.

**HYDROCLEIS nymphoides.** Water-Poppy. Floating yellow flowers all summer. Not hardy. 3 for \$1.00.

**MYRIOPHYLLUM proserpinacoides.** Parrot's Feather. Rises about 6 inches out of the water. 3 for \$1.00.

## Floating Plants

**EICHHORNIA crassipes major.** Water Hyacinth. Lilac-rose flowers. 3 for \$1.00.

**PISTIA Stratiotes.** Shell Flower; Water Lettuce. A rosette of fluted blue-green velvety leaves. Grows best in a shady pool. 3 for \$1.25.

**SALVINIA braziliensis.** Salvinia. Dainty soft green leaves covered with a velvety nap of tiny hairs. The growth forms an attractive chain of these leaves which are about 1/4 inch in diameter. Each 50c.

## Oxygenating Plants

**ANACHARIS canadensis gigantea.** Giant Water Weed. A beautiful submerged plant with dark green ovate leaves and light stems. 3 for \$1.00.

## SPECIAL PLANT COLLECTION A-1.

Consisting of enough plants of our own selection to balance a ten-gallon aquarium. \$1.25.

## SPECIAL PLANT COLLECTION A-2

A splendid group of plants, to balance a 15 or 20-gallon aquarium, more than double the above collection and including some rare and very choice varieties. \$2.50.



Water-Lilies (Nymphaea)



# Michell's Climbing Plants and Vines

Vines play an important part in the landscape of the home. They fill so many purposes there that we cannot recommend them too highly for general use.

For Wall Nails and Trellises, in wood or wire for training Vines of all kinds, see pages 87, 88.

**AMPELOPSIS quinquefolia.** Virginia Creeper. Especially adapted to covering stumps and trunks of trees. Extra-strong plants, each 75c.; 3, \$2.00; doz. \$7.00.

**A. Veitchii.** Boston Ivy. The popular climber for brick and stone buildings and walls. Leaves deep green which turn to a coppery red in autumn. Strong plants, each \$1.00; 3, \$2.75; doz. \$10.00.

**ARISTOLOCHIA Siph.** Dutchman's-pipe. Quick-growing vines with handsome light green leaves that give a quick, dense shade. Brown flowers shaped like a pipe bowl. July. Large plants, each \$1.00.

**BIGNONIA grandiflora, Mme. Galen.** Trumpet Vine. A strong-growing vine with rich green foliage and trumpet-shaped, dark red flowers with throats shaded orange. Free flowering. July, Aug. Strong plants, each \$1.00.

**CELASTRUS scandens.** Bittersweet; Wax-wort. Rapid-growing vine that in early summer produces yellow flowers, which by autumn have turned to bright orange-colored fruits, with red markings. Extra-strong plants, each 50c.; doz. \$5.00.

**HONEYSUCKLE.** See *Lonicera*.

**IVY, ENGLISH (*Hedera Helix*).** Plant for covering brick and stone walls and buildings. It rarely ever dies out and needs no attention. Plants from 2½-in. pots, doz. \$3.00; 100, \$20.00. Plants from 4 to 5-in. pots, 30 in. high, each 75c.; doz. \$7.50.

## Lonicera • Honeysuckle

This favorite requires very little comment or description, always yielding a wealth of fragrant bloom.

**Heckrotti.** An everblooming Honeysuckle. A superb ground-cover with glaucous foliage and delightful two-tone blossoms which are warm purple outside and bright-yellow inside. Each 60c.; doz. \$6.00.

**Japonica Halliana.** Hall's Honeysuckle. Flowers pure white, turning to yellow. Hardy evergreen. Blooms from June until frost. Each 60c.; doz. \$6.00.

**Sempervirens.** Scarlet Trumpet Honeysuckle. Noted for its brilliant scarlet flowers and its brilliant red fruits. Each 60c.; doz. \$6.00.

**POLYGONUM Auberti.** Chinese Fleece-vine. Perfectly hardy and a quick grower, a small plant making 25 to 30 feet of growth the first summer. Long clusters of snowy white flowers which turn rose-color with age. It will not cling to the wall. Extra-strong plants, each \$1.00; 3 for \$2.75.

**WISTERIA, Purple.** Somewhat fragrant blooms. Extra-strong plants, each \$1.00.

**W., Attractive Pink.** Extra-strong plants, each \$1.25.

## ON GROWING CLEMATIS

**Soil.** A rich well-drained loam, loosened by the addition of sand or peat-moss, is best. Make certain that the collar of the plant is set 2 to 3 inches below the surface of the soil. Firm the soil well around the roots. Water frequently in dry weather.

**Location.** A partially shaded location with 5 to 6 hours' sunshine is ideal. If planted in full sun provide a cool root-run by a good summer mulch of some loose material such as peat, straw, rotted manure, etc.

**Fertilizing.** Well-rotted manure is preferred with any well-balanced plant-food as a good second. Work it well into the soil with-

out disturbing the roots. Use a little lime occasionally.

**Trellis.** Provide a support at once—a trellis, wire netting, old stumps, low shrubs, or stone walls.

**Winter Mulch.** With fall planting of Clematis use a mulch of straw, leaves, or peat-moss for the first winter to prevent the soil from freezing and thawing, which sometimes damages the stems if they are unprotected. Mice and rabbits may be kept from eating the tops by hilling the soil up around the stems or by putting small screens around them. A winter mulch is cheap protection any time.

## Clematis

### COCCINEA HYBRIDS

A distinct group with flowers of trumpet-bell-, and urn-like forms. The plants are medium in height and bloom in summer and autumn.

**Admiration.** Glowing salmon-pink color. July, Oct. Each \$1.00.

**Duchess of Edinburgh.** Double pure white flowers not unlike a gardenia. Each \$1.50.

**Texensis.** Usually described as pitcher-like in form, the brilliant red flowers have yellow centers. July, Oct. Each \$1.00.

### JACKMANI HYBRIDS

These large-flowered climbing forms produce their bloom in summer and early autumn successively on new and summer growth. The plants reach a height of 10 to 15 feet and are noted for their profuse bloom.

**Gypsy Queen.** A hybrid of the well-known Jackmani. Gypsy Queen has violet-purple flowers of a velvety texture. Each \$1.25.

**Jackmani.** Perhaps the most familiar of all the Clematis hybrids. Violet-purple blooms. June, Oct. Each \$1.00.

**Jackmani rubra.** The well-shaped flowers are unusually rich red. June, Oct. Each \$1.50.

**Lord Neville.** Petals rich in texture, like plum-colored velvet. Gives a note of luxury and atmosphere to any garden. Each \$1.50.

### VITICELLA HYBRIDS

The plants produce their flowers on summer shoots and can be pruned vigorously in early spring.

**Huldine.** A translucent white variety with mauve-pink markings. R.H.S. Award of Merit, England. July, Oct. Each \$1.50.

**Lady Betty Belfour.** A rich purple with a white center. June, Oct. Each \$1.50.

**Ville de Lyon.** Carmine-red. June, Oct. Each \$1.25.

### LANUGINOSA HYBRIDS

Often spoken of as the Woolly-leaved Clematis. The original form came to us from China almost a hundred years ago. These climbing forms produce large flowers in summer and autumn, usually on short lateral summer shoots. The flowers are well dispersed on the plants which reach a height of 10 to 12 feet.

**Crimson King.** Large bright red flowers. June, Oct. Each \$1.25.

**Henryi.** A familiar variety with unusually large white flowers. June, Oct. Each \$1.00.

**Lawsoniana.** An unusually large bright blue flower. Always a colorful favorite. June, Oct. Each \$1.25.

**Prins Hendrik.** Orchid-blue with ruffled petals, the blooms are rich in texture. June, Sept. Each \$1.00.

**Ramona.** Large lavender-blue flowers. June, Oct. Each \$1.00.

**W. E. Gladstone.** Perhaps best described as heavenly blue. June, Oct. Each \$1.25.

### CLEMATIS SPECIES

For the most part, the species and varieties listed here are small-flowered types producing their flowers in summer and autumn, usually on summer shoots, hence they can be pruned vigorously in early spring.

**Crispa.** Usually called Marsh or Curly Clematis. The bell-shaped flowers are similar to those of *C. texensis*. Color is a dark blue-purple which becomes paler at the wavy margins. 8 to 10 ft. July, Aug. Each \$1.00.

**Davidiana.** Clusters of bright blue hyacinth-shaped flowers characterize this semi-shrubby type which is most useful in the perennial border. June, July. Each 85c.

**Paniculata.** It is hardly necessary to more than mention this small white star-shaped flowering form which is known everywhere. 15 to 18 ft. Sept., Oct. Each 85c.

## Hedge Plants

### New Red-leaved Barberry

The foliage of this new variety is of a rich, lustrous, bronzy red. All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun.

Strong 15 to 18-in. plants, doz. \$8.50  
18 to 24 in. plants, doz. 10.00

### Berberis Thunbergi BARBERRY

A good hardy plant of low, dense growth. It is a brilliant light green from early spring to winter. In autumn the foliage is a bright crimson.

15 to 18-in. plants.....\$7 50  
18 to 24-in. plants.....8 50

### CALIFORNIA PRIVET

This most popular of all hedge plants should be set 1 foot apart in double rows, in zig-zag fashion, so that the plants are diagonally opposite each other. This practically places them 6 inches apart, which is desirable to get a quick, dense growth. Plant from October 15 till the ground freezes, and from March 15 to May 15.

1½ to 2 feet.....\$2 50 100  
2½ to 3 feet.....3 50 24 00  
3 to 4 feet.....5 00 40 00

(Special quotations on 1000 lots.)

Privet plants are best shipped by Express

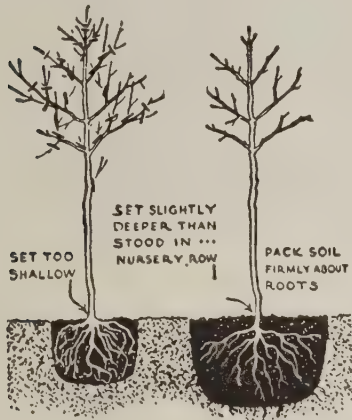
ALL PRICES SUBJECT TO MARKET CHANGES



# Michell's Hardy Decorative Flowering Shrubs

A planting of shrubs, massed around the boundaries of a garden, forms a harmonious background against which the bright-colored hardy perennial plants appear to their best advantage. There are many suitable locations for planting shrubs about the home-grounds. The house foundation and the angles and corners should be softened by shrubs of medium height. Spireas, Hydrangeas, Berberis, Deutzias, and others of a like nature will be found most suitable for this purpose.

## How to Plant Trees and Shrubs



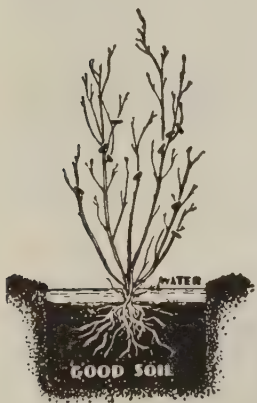
**Wrong**

Hole too small, roots crowded.

**Right**

Hole large, roots spread out.

Prune branches at points indicated by black lines. Do not clip ends; cut off broken roots.



Dig generous-sized holes with perpendicular sides (never saucer shape). Put the good dirt to one side so that you can use it around the roots. Loosen up the soil in the bottom of the hole. Set trees 1 or 2 inches deeper than they stood in the nursery; set shrubs at about the same depth they stood in the nursery or slightly deeper. Spread roots out naturally and work soil over and around

them. Keep putting in good soil until the hole is nearly full, tramping firmly about the roots. If the ground is dry, pour in a bucket of water. Finally fill up the hole with loose earth which should not be tramped (see illustration above). At planting time all trees and plants must be pruned if best results are to be expected the first year. Cut back shrubs one-third to one-half, as indicated by black lines in illustration to the right. If shrubs are heavily branched, cut out a few whole branches at the base.

**ALTHÆA (Hibiscus).** Rose of Sharon. These thrive almost anywhere, producing bloom from July till September. 2 to 3-ft. plants, each \$1.00; 3 to 4-ft., \$1.25; 4 to 5-ft., \$1.75.

**BEAUTY BUSH.** See *Kolkwitzia*.

**BRIDAL WREATH.** See *Spiræa prunifolia*.

**CALYCANTHUS floridus.** Sweet Shrub. Chocolate-colored, double flowers, with a peculiar agreeable odor. Blooms in June. 2 to 3-ft. plants, each \$1.25.

ALL PRICES SUBJECT TO MARKET CHANGES

## Buddleia

**Charming.** A glorious new shrub bearing throughout the late summer and autumn elegant long sprays covered with lovely lavender-pink blooms which compared with other *Buddleias* introduced up to date, are distinctly pink. Develops in July. Each \$1.00; 3 for \$2.50.

**Dubonnet.** In sunshine and under artificial light it glows almost a true red. The firm cylindrical spikes are snugly set with individual flowers of good size that do not sunburn. The plant is of robust, erect growth with strong stems. Each \$1.00; 3 for \$2.50.

**Orchid Beauty.** New. A splendid new variety of a soft cattleya-lilac color with a brilliant orange eye. Long, tapering spikes, similar in form and size to the popular variety *Charming*. Each \$1.00; 3 for \$2.50.

**CERCIS chinensis.** Judas Tree; Chinese Red-bud. A tall, slender-growing shrub, developing eventually into a large tree. Very early in the spring the leafless branches are covered with delicate deep pink flowers. 2 to 3-ft. plants, each \$1.75.

**CORALBERRY.** See *Symphoricarpos vulgaris*.

**CYDONIA japonica.** This shrub is a beautiful sight in early spring when covered with cherry-red flowers about the size of an apple-blossom. Especially desirable as a specimen shrub for the lawn. Extra-strong 2 to 3-ft. plants, each \$1.00.

**DAPHNE Cneorum.** A pretty dwarf, spreading shrub, 6 to 8 inches high. Valuable for the rockery or for the front of the border. Beautiful bright pink, sweet-scented flowers early in May. Strong plants, each \$1.50.

**DEUTZIA gracilis.** For planting either individually or in masses. Very attractive white flowers. Dwarf, bushy habit. 15 to 18-in. plants, each \$1.00.

**FLOWERING ALMOND.** See *Prunus*.

**FORSYTHIA.** Golden Bells. Bright golden yellow, star-shaped flowers that burst into bloom just as winter is over and while the bush is otherwise bare.

**F., Spring Glory.** This new Forsythia is without question the loveliest of all the Golden Bells. If you desire a brilliant and cheerful display in your garden in early spring, use a few plants of Spring Glory. Each \$1.50; 3 for \$4.00.

**F. spectabilis.** Strong, tall-growing shrub with very large flowers completely covering the stems. Most profuse bloomer of all.

**F. suspensa.** Graceful, drooping tendency. Frequently planted on banks and slopes. Beautiful as specimens or in masses.

All Forsythias, strong 3 to 4-ft. plants, each \$1.00, except where noted

**GOLDEN BELLS.** See *Forsythia*.

**HONEYSUCKLE.** See *Lonicera*, page 70.

**HYDRANGEA P. G.** Each \$1.25.

**JUDAS TREE.** See *Cercis chinensis*.

**KOLKWITZIA amabilis.** Beauty Bush. A handsome new ornamental shrub from China, resembling the weigela and honeysuckle, to which it is allied. Grows 6 to 8 feet high at maturity, with long, arching branches covered with pale pink, bell-shaped flowers in June. One of the most outstanding shrubs. Strong 2 to 3-ft. plants, each \$1.50.

Taller shrubs, such as Lilacs, Philadelphus, and Altheas, are better planted along the sides and at the back of the grounds. Here they can be used to give a frame to the property, block out undesirable views, and serve as a screen for any purpose desired. Such group plantings should be made in the nature of borders, and the shrubs selected and arranged to give a continuance of bloom and pleasing foliage combinations, together with a fall and winter coloring of bark and berries.

**LILAC.** See *Syringa*.

**MOCK ORANGE.** See *Philadelphus*.

**PHILADELPHUS virginialis.** Virgin Mock-Orange. Large, semi-double white flowers in great profusion and very fragrant. 7 to 8 ft. 2 to 3-ft. plants, each \$1.50.

**PRUNUS glandulosa alba fl.-pl.** Double White-flowering Almond. Erect, slender branches covered in May with small, very double, fragrant white flowers. Strong 2 to 3-ft. plants, each \$1.50.

**REDBUD.** See *Cercis*.

**ROSE OF SHARON.** See *Althæa*.

**SNOWBALL.** See *Viburnum*.

**SNOWBERRY.** See *Symphoricarpos racemosus*.

**SPIRÆA prunifolia.** Bridal Wreath. Dense shrub bearing a profusion of white flowers. 2 to 3-ft. plants, each \$1.00.

**SWEET SHRUB.** See *Calycanthus*.

**SYMPHORICARPOS racemosus.** Snowberry. Rose-pink flowers in summer; branches full of white berries in the fall. 2 to 3 ft. Each \$1.00.

**S. vulgaris.** Coralberry. Greenish red flowers and clusters of dark purplish red berries. 2 to 3 ft. Each \$1.00.

**SYRINGA vulgaris.** Lilac. We advise planting in the fall.

**VIBURNUM tomentosum plicatum.** Snowball. A desirable shrub that should be in every garden or on the lawn. Perfectly hardy. Blooms in June. Extra-fine 2 to 3-ft. plants, each \$1.75.

**VITEX macrophylla.** A graceful, attractive shrub, growing 3 to 4 feet high and producing lavender-blue flowers from July until frost. 2 to 3-ft. plants, each \$1.50.

**WEIGELA, Eva Rathke.** Of erect form and vigorous habit. Deep carmine-red flowers. 18 to 24-in. plants, each \$1.50.

**W. rosea.** Remarkably showy flowers. Numerous spreading branches and dark green leaves. The rose-colored blooms are produced in great abundance. 2 to 3-ft. plants, each \$1.50.



*Philadelphus virginialis*



# Michell's Select Fruits



Fruit Garden

## Apricots

Less is known concerning Apricot pollination than about other fruit trees. The variety Early Golden has been favorably reported to be a self-fruited Apricot.

**Early Golden.** Orange-yellow, with faint blush; firm, coarse flesh. One of the best. Few varieties equal in lusciousness the fresh fruit of the Apricot. Should be planted more generally where there is room for trees. Each \$3.00; doz. \$33.50.

## Apples

Apple varieties may be classified roughly as self fruitful, partially self fruitful, and self unfruitful. Delicious and Wealthy are two good self-pollinators. Include these varieties with others of your choice from the list below.

**Delicious.** A good late variety with rosy red fruit of good size. Truly delicious.

**Grimes Golden.** Late. Good size; yellow, and of fine flavor.

**Jonathan.** Winter. Fruit medium to large; brilliant red; flesh juicy, fine grained, tender and very highly flavored. Bears heavy crops every year, and comes into bearing early.

**McIntosh.** Winter. Medium size; nearly covered with a bright red; flesh white, tender, juicy, subacid. Tree hardy, vigorous, and healthy.

**Rome Beauty.** Late. Yellow shaded red; solid and juicy.

**Stayman's Winesap.** The best winter variety. Large, juicy, semi-sweet. Fine for eating and cooking. Prolific.

**Wealthy.** Late. Round, red; sweet and a good keeper.

**Yellow Delicious.** Winter. Tree comes into bearing early, producing heavy crops. Very thrifty, hardy, and a vigorous grower. A golden Apple which has won its fame as an outstanding commercial variety.

**Yellow Transparent.** Early and desirable. Good color; juicy and semi-sweet.

## Crab-Apple

**Hyslop Crab.** Large, round, deep red fruit. The best variety for jelly. Sept.

All Apple and Crab-Apple trees, 5 to 6 ft., each \$2.50; doz. \$27.50

## QUINTUPLET APPLE TREES

$\frac{1}{2}$  in. cal. and up

The popular 5-N-1 Apple varieties on each tree: **Anoka, Red Jonathan, Red Delicious, Yellow Delicious** and **Transparent**. Each \$6.00.

## Peaches

Peach varieties are generally self fruitful, but J. H. Hale produces impotent pollen. For that reason it is desirable to interplant with varieties bearing potent pollen.

**Belle of Georgia.** White, red cheek; flesh white, of good flavor. Freestone. Sept.

**Champion.** A large, handsome early white variety with red cheek; sweet and juicy. Aug.

**Elberta.** The standard market variety. Large; flesh yellow, juicy, and of high quality. A heavy bearer. Sept. 15.

**Golden Jubilee.** Resembles Elberta. Skin yellow with red flesh; flesh golden yellow, juicy, and sweet. Freestone. Early Aug.

**Hale-Haven.** Ripens two weeks before Elberta. Withstands cold temperatures; very hardy. A perfect freestone of extremely high color, yellow fleshed, large in size, good shipping qualities. Heavy bearer.

**J. H. Hale.** Larger than Elberta. Deep yellow with carmine blush; wonderful flavor. Stands shipping. Ripens about Sept. 10.

**Salberta.** Late. Large yellow freestone. Ripens about 10 days to two weeks after Elberta. This new variety is being planted commercially in many Peach-growing sections.

All Peach trees, 3½ to 4 ft., each \$2.50; doz. \$27.50

## Plums

The varieties Abundance and Burbank need cross pollinating; they will pollinate each other. Other varieties offered are self pollinating.

**Abundance.** A very productive, large variety of light cherry-red color. Aug.

**Burbank.** Fruit round, cherry-red, with lilac bloom. Heavy bearer. Sept.

**Diamond.** Enormous, dark purple fruit with a beautiful bloom. Sept.

**Green Gage.** Large greenish, sweet fruit of good flavor. An excellent variety. Sept.

**Shropshire Damson.** Late. Medium-sized fruit, produced in thick clusters or groups. Tree a strong grower and very productive of dark purple-colored Plums. The popular old-fashioned Damson variety.

All Plum trees, 5 to 6 ft., each \$3.00; doz. \$33.50

FRUIT TREES besides being ornamental, provide fine quality tree-ripened fruit for your table.

## Cherries

Sweet Cherries need cross pollination; use two varieties. Sour Cherries are satisfactory when planted alone

**Black Tartarian.** Sweet. Very large; black; rich and juicy.

**Early Richmond.** Sour. An early variety of medium size; dark red fruit. Early June.

**Montmorency.** Sour. Large, dark red fruit, about 10 days later than Richmond.

**Napoleon (Royal Ann).** The best and most profitable yellow sweet Cherry. Flesh very firm, juicy, and delicious.

All Cherry trees, 4 to 5 ft., each \$3.00; doz. \$33.50

## Pears

Most varieties of Pears are self unfruitful, or self incompatible, even though they bear excellent pollen. Duchesse d'Angouleme has proved to be a desirable pollinator for the other varieties that we offer. Bartlett and Seckel will not cross pollinate; use Duchesse d'Angouleme if either or both of the above two are being planted.

## SUMMER VARIETIES

**Bartlett.** An old favorite. Juicy, well flavored and a good bearer. Aug.

**Clapp's Favorite.** A fine large yellow variety stained red; flesh fine-grained. Aug.

## FALL VARIETIES

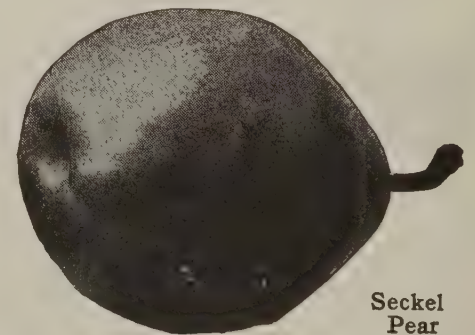
**Anjou.** Fruit large and handsome, yellow with red blush; flesh of good flavor. Late keeper. Oct.

**Duchesse d'Angouleme.** Large; flesh buttery, rich, and juicy. A good standard variety. Fine keeper. Oct.

**Kieffer.** Late. Rather coarse-grained, but when well ripened is good for both eating and preserving. Good keeper. Oct.

**Seckel.** A well-known, dark brown, small variety; flesh very sweet and juicy. Oct.

All Pear trees, 5 to 6 ft., each \$3.00; doz. \$33.50



Seckel Pear

## Apple Trees

4 and 5-year-old fruiting size trees in the following varieties:

**Cortland, Double Red Stayman, Early McIntosh, Jonathan, Rome Beauty, Stayman's Winesap, Wealthy.**

	Each	Per doz.
1¼ to 1½ in. cal.....	\$4 50	\$48 00
1½ to 2 in. cal.....	5 50	60 00
2 to 2¼ in. cal.....	7 50	84 00

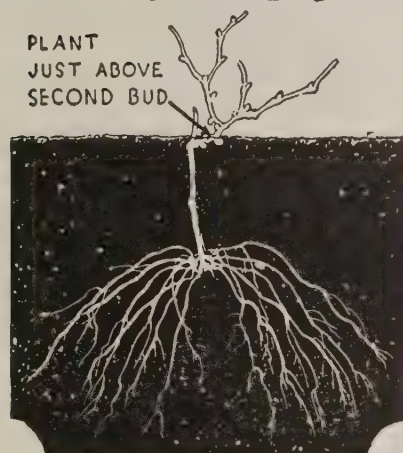
We are pleased to be able to offer **APPLE TREES** of fruiting age in limited quantities as listed above.

ALL PRICES SUBJECT TO MARKET CHANGES



# Michell's Small Fruits

## GRAPE S



### How to Plant Grapes

Dig the hole as broad and deep as if a three-year apple tree were to be planted. Fill the hole up to the right depth for planting with compost or rich soil. A few old bones in the bottom of the hole will make rich feeding for the vines later on. Trim the roots slightly and cut back the top to three or four strong buds. Use rich soil around roots. Always plant firmly. Leave a mulch of strawy manure over plant.

### Grape-Vines

**Caco.** Red. The most delicious of all Grapes and perfectly hardy. Bunch of good size, compact, and of good form. Rich in sugar, excellent in flavor. Vines very strong, vigorous growers, healthy and prolific. Each \$1.00; 3 for \$2.75.

**Catawba.** Red. Delicious flavored; medium-size berry.

**Concord.** Purple. The well-known standard variety that succeeds wherever Grapes will grow.

**Delaware.** Light red with violet bloom. Bunches and berries are small but compactly set, sugary and delicious.

**Fredonia.** Large black berry with heavy bloom. Cluster about medium in size. Very early; good quality; new and very promising.

**Moore's Early.** This is really an early Concord and is the standard early blue Grape. The vines are vigorous, healthy, and productive, bearing fruit of delicious quality.

**Niagara.** Light greenish white. An unusually strong grower. Bunches very large and compact. Berries large, semi-transparent; has very little pulp and is sweet to the center.

**Portland.** White. The earliest of all Grapes. Large bunch and berry; flesh sweet, juicy and of fine flavor. A valuable early Grape for the home-garden. Each \$1.00; 3 for \$2.75.

All Grape-Vines, except Caco and Portland, 2-yr. vines, each 75c.; doz. \$8.50

### Blueberry

Plant in acid soil, but well drained. Space the plants 5 feet apart. 2-yr., 12 to 18-in. plants, each \$2.50; doz. \$27.50.

ALL PRICES SUBJECT TO MARKET CHANGES

## Blackberries

**Alfred.** For the home-garden, Alfred is the ideal Blackberry. The bushes are loaded with tremendous berries, practically free from seeds, coreless and extremely juicy.

**Eldorado.** Remarkably strong grower and an enormous producer of extra-size berries which are brilliant black and retain their color under all conditions. Very sweet and without core.

All Blackberries, extra-strong plants, doz. \$1.50; 100, \$10.00

## The New Boysenberry

### The Finest Vine Berry Yet Developed

A new hybrid vine berry developed from the Blackberry, Loganberry, and Raspberry.

The fruit, which is dark purple at first, becoming black when fully ripe, is of blackberry form with berries averaging 1½ inches long, with occasional fruit an inch longer.

The flavor is distinctively its own but somewhat resembles the raspberry; the sugar content is so high that no sugar is needed with ripe berries. Doz. \$3.50.

## Raspberries

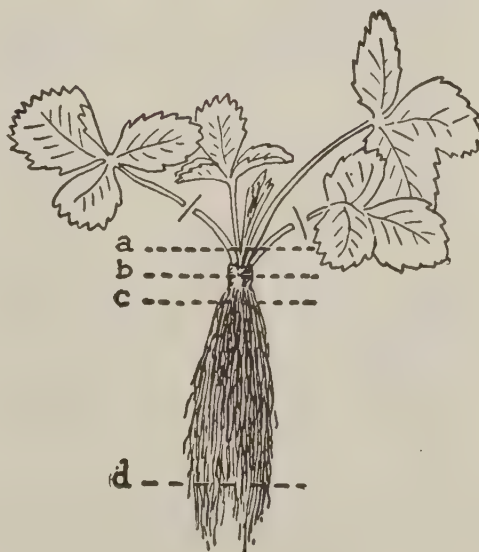
**Cumberland.** Blackcap. The largest Raspberry known. Selected specimens measure an inch in diameter.

**Latham.** The finest red Raspberry to date. More productive than any other variety. The berries are very large, bright red, and of wonderful flavor.

**Newburgh.** Midseason. Vigorous grower, hardy, and very productive. Fruit very large, firm; does not crumble. Precedes Latham a few days in ripening. An excellent shipper and keeper.

**Ranere Everbearing.** Brilliant red fruit of good size and excellent flavor; in fact, there is no good quality any of the regular varieties of Raspberries possess that is lacking in Ranere.

All Raspberries, extra-strong plants, doz. \$3.00; 25 for \$4.50



A strawberry plant showing trimming and depth of planting.

a, Planted too deep; b, planted correct depth; c, planted too shallow; d, pruning of roots.

## Introducing the New Everbearing Strawberry

### « "BRUNES MARVEL" » »

We take pleasure in offering this wonderful Strawberry, which has passed the test for quality and bardiness. The fruit is almost free from acid and can be used for eating or canning with less sugar. Another distinct advantage is that the plants make exceptionally long roots, going down for moisture sometimes to 17 inches during dry summers. This is a real advantage. Pot-plants are now available.

25 plants \$7.00; 50 plants \$13.50;  
100 plants \$25.00

## Strawberry Plants

### STANDARD EARLY VARIETIES

**Blakemore.** Fruit is firm, light in color and unexcelled. Ranks high in productiveness.

**Dorsett.** Perfect. The berries are beautiful in appearance; their light color, bright green cap, large size, and attractive shape make them very desirable.

**Fairfax.** Perfect. The berries average very large and firm and, picked at the proper time, are a bright red with a light green cap; as they ripen, they become darker and then very dark red.

**Premier.** Perfect. Enormously productive, commencing early and bearing through a long season. The flavor is delicious.

**Starbright.** Brighter red than Dorsett, with firm, luscious berries of delightful flavor. A favorite early variety.

### MIDSEASON VARIETIES

**Big Joe.** Perfect. The merits of this excellent variety are great vigor of plant, fine root-system, exceptional productiveness, large size of fruit, excellent flavor.

**Catskill.** Best midseason berry becoming more popular every year. Large berries, equaling Premier in flavor, carrying a bright green cap.

### LATE-SEASON VARIETIES

**Aroma.** Late. One of the best late varieties. Fruit is large, bright glossy red, of excellent carrying quality.

**Chesapeake.** Perfect. The berries are handsome in appearance because of their large size, rich color, glossy surface, uniform shape and bright green cap.

**Lupton Late.** Its double, dark green cap sets the fruit off beautifully. Produces an abundance of large, bright, flame-colored berries.

### STANDARD VARIETIES

**Laver Plants.** 25, \$1.50; 50, \$2.50; 100, \$4.00.

**Potted Plants.** 25, \$3.50; 50, \$6.50; 100, \$10.00.

### EVERBEARING STRAWBERRIES

#### Only Potted Plants

**Gem Everbearing Giant.** Even without its everbearing qualities, the Gem is a good berry, making a normal yield in the spring of firm, sweet, large, glossy, dark red berries. Repeats in the fall when berries are more or less a novelty and can be marketed at fancy prices or served on the home table. 25, \$4.00; 50, \$7.00; 100, \$12.00.

**Mastodon.** This is unquestionably the most prolific of everbearing varieties. Bears continuously from June till frost, the late fruits being as large as the early crop. 25, \$4.00; 50, \$7.00; 100, \$12.00.



# Herbs

**ALLIUM Schoenoprasum.** Chive. Very popular in salads. Cut fairly close to the ground, from one plant at a time. The new growth will be more tender than the preceding. The grass-like leaves finely chopped give a delicate onion flavor to soups and stuffings. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**ARTEMISIA.** Wormwood or Southernwood. Aromatic and bitter herbs or small shrubs with alternate, mostly dissected leaves. Small numerous heads of white and yellow flowers. The following varieties are very desirable:

**A. Abrotanum.** Southernwood; Old Man; Lad's Love. Very useful when planted to form a hedge for the herb border or garden. Can be sheared in specimens. Dried branches laid in wardrobes will keep moths away. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**A. Dracunculus.** Tarragon; Estragon. This plant loves a dry soil in a warm sunny situation. Height 2 feet. Tarragon vinegar is much used in fine cooking. Customers in a position to grow this plant in quantity can obtain special prices on application. Each 70c.; 3 for \$1.60; 10 for \$5.00.

**A. frigida.** Fringed Wormwood. Height 18 inches. Silvery foliage which can be dried for winter decoration. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**A. pontica.** Roman Wormwood. A very useful plant in the knotted herb border or garden. The soft gray color of the finely cut foliage makes it desirable to frame the rose garden. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**ASPERULA odorata.** Sweet Woodruff; Waldmeister. Used in making maibole. Spreading herbage; fragrant white flowers. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**HYSSOPUS officinalis.** Hyssop. A hardy perennial herb grown for ornament in the flower border. Its blue flowers decorate the garden from June to frost. Height 1½ feet. Use the leaves sparingly in salads and broths. Thrives in any ordinary soil. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**LAVANDULA.** Lavender. A most popular herb. Needs a warm, dry, sunny location; water occasionally in dry weather. Prune straggly plants into shape during April. Gather blossoms for drying or distilling when they become brown. Dry slowly in the shade and store in a dry place. Leaves of all species are fragrant. A lime-loving plant.

**L. vera.** The true Sweet Lavender, with delightfully fragrant blue flowers in July and August. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**L. vera rosea.** Novelty. Similar in habit to *L. vera* but the blooms are a delicate silvery pink. Each 75c.; 3 for \$1.75.

**L. vera, Twinkle Purple.** Plants are compact and well formed. A delightful border or edging plant. Each 60c.; 3 for \$1.50; 10 for \$5.00.

**LEMON VERBENA.** See Lippia.

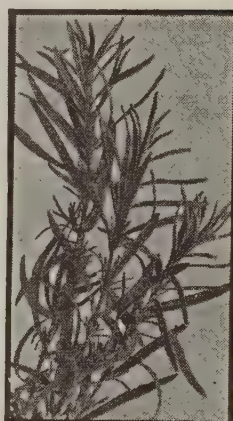
**LIPPIA citriodora** (*Aloysia citriodora*). Lemon Verbean; Herb Louisa. Requires a warm sunny location. Shrubby habit, producing leaves in whorls of three or four, with odor of lemon. In northern states, take it indoors for the winter. Use the leaves in finger bowls. Combined with peppermint it makes a refreshing tea. Each 70c.; 3 for \$1.60; 10 for \$5.00.

## ADD HERBS TO YOUR GARDEN

The old-time Herb Gardens are again popular. Herbs can also be planted in mixed borders for their foliage effects and delightful fragrance. They are a valuable addition in cooking, imparting a delectable flavor, and some varieties are used for garnishing.



Horehound



Lavandula

**MARRUBIUM vulgare.** Horehound. A hardy medicinal herb that does best in a poor dry soil. The leaves and young shoots are used as a popular remedy for coughs, and horehound candy is made from the fresh leaves. The soft gray foliage is very ornamental. Keep plants free from weeds, and cut back to the ground in the fall. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**MELISSA officinalis.** Lemon Balm. One of the sweet-scented herbs, 2 feet in height. Broad-toothed leaves and white or pale yellow flowers in clusters. Leaves are used in seasoning, in liquors and as a medicine. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**MENTHA.** Mint. Our collection of Mints will be found to contain all the desirable varieties. They thrive in sunny or partially shaded locations. Plant a border near the kitchen.

**M. citrata.** Bergamot or Orange Mint. A fragrant herb with a scent of orange combined with Mint. Used in drinks. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**M. crispa.** Curly Mint. Attractive curly and twisted leaves used in all kinds of Mint flavoring. The variety most used in the South for flavoring drinks. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**M. piperita.** Peppermint. Leaves and tender tops may be infused in cooling drinks. In demand for use as a tea either by itself or combined with lemon verbena. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**M. pulegium.** Pennyroyal. A prostrate form of Mint, very attractive when in flower. Used for seasoning and as a tea to cause perspiration. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**M. rotundifolia.** Apple Mint. The flavor is more delicate than spearmint; makes a fine tea. The leaves are round and hairy, unlike other Mints. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**M. rotundifolia variegata.** Pineapple Mint. Has a light attractive edging on the leaves; the young growth has a delicious pineapple odor. Excellent for drinks. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**M. spicata.** Spearmint; Lambs Mint; Julep Mint. The popular Mint with light green leaves. No herb garden is complete without it. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**MONARDA didyma.** Beebalm; Oswego Tea. The fragrant seeds scent a pot-pourri. Scarlet flowers; height 2 to 3 feet. Very effective in mass planting. Each 50c.; 3 for \$1.30; 10 for \$4.00.

ALL PRICES SUBJECT TO MARKET CHANGES

**NEPETA Mussini.** Catnip. Blue flowers freely produced. Useful for edging borders; makes an invigorating tea. Each 50c.; 3 for \$1.30; 10 for \$4.00.

**N., Six Hills Giant.** Taller than Mussini, with lighter blue flowers. The Nepetas are good to hold a bank there grass is difficult to grow. Each 60c.; 3 for \$1.60; 10 for \$5.00.

**ORIGANUM Onites.** Pot Marjoram. The hardy Marjoram used for seasoning. Flowers are picked for pot-pourri and mature flower heads are used to flavor cooking. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**PELARGONIUM.** Geranium. Fragrant leaf species, ready for shipment May 15. All varieties offered are half-hardy or tender perennials. These can be wintered over as house plants, for which purpose they are particularly suited. The scented leaves are very desirable for finger bowls.

**P. capitatum.** Rose scented. Each 75c.; 3 for \$1.60; 10 for \$5.00.

**P. crispum.** Lemon scented. Each 75c.; 3 for \$1.60; 10 for \$5.00.

**P. fragrans.** Nutmeg scented. Each 75c.; 3 for \$1.60; 10 for \$5.00.

**ROSMARINUS officinalis.** Rosemary. A very fragrant herb, first introduced in 1548 and still a general favorite. Likes a sunny location and ordinary soil. Each 75c.; 3 for \$1.60; 10 for \$5.00.

**RUTA graveolens.** Rue; Herb of Grace. Fine blue-gray leaves. Very hardy; can be sheared for a formal hedge or grown as individual specimens. An old-time medicinal herb, used in small quantities for salads. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**SALVIA officinalis.** Sage. The dried leaves are used to season meats, dressings, cheese. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**SANGUISORBA canadensis.** Burnet. The young leaves are useful in salads to give a cucumber flavor. The fern-like foliage is very decorative. Can be used with good effect when massed on a bank or slope in place of grass. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**SANTOLINA Chamaecyparissus** (*S. incana*). Lavender-Cotton. A useful plant for knot gardens; can be sheared. Gray foliage; 12 to 15 inches tall. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**S. viridis.** The plant is useful in the knot garden, a pleasing green in contrast to the gray of the above variety. Good as an individual specimen. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**SATUREIA montana.** Winter Savory. Quite hardy; more pungent than Summer Savory, the annual variety. A useful plant for edging the herb border or for use in a knot garden. Used as a seasoning. Grows in poor stony soil. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**THYMUS citriodorus.** Lemon Thyme. Delicious lemon scent. May be used as a flavoring for drinks. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**T. Serpyllum albus.** The delicate fine leaf and neat spreading habit makes this variety ideal for crevices among the stones of a rock-garden or in the crazy-stone pathway. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**T. Serpyllum coccineus.** The red counterpart of the white variety described above. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**T. vulgaris.** Common Thyme. A favorite kitchen herb widely used as a flavoring for many kinds of dishes. Gather the shoots when blooms appear and dry for winter use. Each 60c.; 3 for \$1.30; 10 for \$4.00.

**WINTER SAVORY.** See *Satureia montana*.  
**WORMWOODS.** See *Artemisia*.



# Highlights for 1946

## New Rose



(MME. A. MEILLAND)

Plant Patent No. 591

This Rose is sensational. One marvel of it is the range of colors through which it passes, from opening yellow buds with edges picoted cerise, to glorious 5-inch blooms of firm alabaster-white, each petal edged with pink that seems to deepen as the flower slowly opens. Though the bloom is unusually large, long-lasting and constantly fresh-looking, its effect is that of delicate and almost ethereal loveliness. The individual petals are large and of great substance, gradually opening, a few at a time, around a high-pointed center until the fully open, very double flower shows a great center heart of tawny yellow.

The crowning miracle of this wonder Rose is that the plant is as superior as the bloom, and in the same large-scale way.

The flowers are borne singly on stems so strong and straight they are a joy to see, lifting the blooms proudly above the mass of vigorous, shining, holly-like foliage. It needs no disbudding to produce exhibition blooms which hold their form and freshness much longer than other Hybrid Teas. We have found them lasting an unbelievable time, and they are produced all season in glorious succession, so that even a single plant will show, at one time, bloom in various stages of opening and changing colors—canary-yellow, pale gold, cream, ivory and alabaster-white, cerise, soft rose, apple-blossom-pink, and finally, a soft pink-lavender. Each \$2.50. Stock limited

## Bristol's Brilliant New "Storm King" Pompon Chrysanthemum

FRED F. ROCKWELL (Patent applied for)

Briefly, it is the most gorgeous blending of bronze and orange-scarlet tones ever seen in a Pompon. Amazingly prolific, the strong, branching, 2-foot plants often carry 75 or more symmetrically perfect flowers to a single spray and several sprays to a plant.

Without a growing fault, the plant in itself is a thing of beauty in its lusty, vigorous appearance. We have seen none

better. In full flower early October, it is remarkably frost resistant, retaining its brilliance long after many others are destroyed.

This dazzling new Pompon, we believe, is destined to be an all-time favorite—a credit to one of the great names in horticulture and another distinctly worth-while addition to the many notable introductions from Bristol. Each \$1.00; 3 for \$2.75; 12 for \$10.00.

## Michell's Collections

### MICHELL'S "IDEAL" COLLECTION OF CULINARY HERBS

**Chives** (*Allium Schænoprasum*)  
**Spearmint** (*Mentha spicata*)  
**Pot Marjoram** (*Origanum Onites*)  
**Thyme** (*Thymus vulgaris*)  
**Sage** (*Salvia officinalis*)  
**Winter Savory** (*Satureia montana*)

3 plants each of the 6 varieties, \$5.50

6 plants each of the 6 varieties, \$9.50

### MICHELL'S "IDEAL" COLLECTION OF MINTS

**Apple Mint** (*Mentha rotundifolia*)  
**Pineapple Mint** (*Mentha rotundifolia variegata*)  
**Orange Mint** (*Mentha citrata*)  
**Curly Mint** (*Mentha crispa*)  
**Spearmint** (*Mentha spicata*)  
**Peppermint** (*Mentha piperita*)

3 plants each of the 6 varieties, \$5.50

6 plants each of the 6 varieties, \$9.50

### A GARDEN OF CHRYSANTHEMUMS

for \$7.50

comprising the following varieties:

#### 9 Double-Flowered

<b>Avalanche</b>	<b>Jean Treadway</b>
<b>Betty</b>	<b>Lavender Lady</b>
<b>Burgundy</b>	<b>Mandarin</b>
<b>Cydonia</b>	<b>Theresa</b>
<b>Eugene A. Wander</b>	

#### 6 Pompon

<b>Ermalinda</b>	<b>Irene</b>
<b>Ethel</b>	<b>Judith Anderson</b>
<b>Goblin</b>	<b>Treasure Trove</b>

#### 6 Cushion

<b>Dean Kay, Improved</b>	<b>Queen Cushion</b>
<b>Dean Ladd</b>	<b>September Bronze</b>
<b>King Cushion</b>	<b>September Cloud</b>

#### 3 Spoon

<b>Orchid Spoon</b>	<b>Yellow Spoon</b>
<b>Pink Spoon</b>	



Chrysanthemum Garden

### Michell's Collection of Hardy Perennials

ALL COLORS, AND ALL SEASON

50 for \$17.50

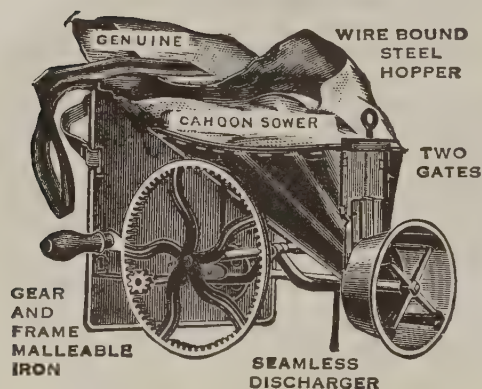
100 for \$33.00

ALL PRICES SUBJECT TO MARKET CHANGES

HENRY F. MICHELL CO., 516 AND 518 MARKET ST., PHILADELPHIA 5, PA.



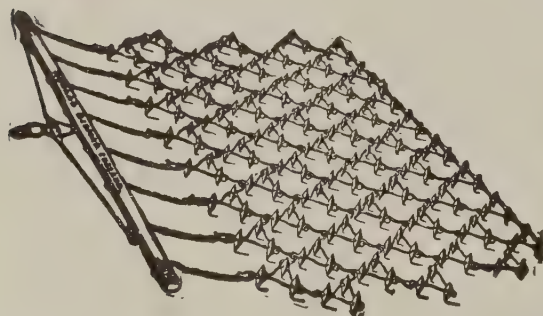
# Michell's Farm and Garden Tools



## Broadcast Seed Sower

For accurately sowing timothy, clovers, millets, and heavy seeds of grass and other farm crops. Can be regulated to sow any required quantity per acre.

**Cahoon Cyclone**.....\$8 00  
.....3 00

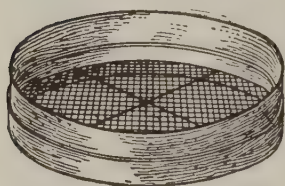


## Scotch Chain Harrow

One of the best implements for pulverizing the surface soil, leveling and smoothing; also good for covering grass seed, etc.

**No. FH.1-R.** One-horse size, 6½ x 5 ft. 4 in. 230 lbs.....\$45 00

## Sieves



Any size mesh.  
Made extra well.

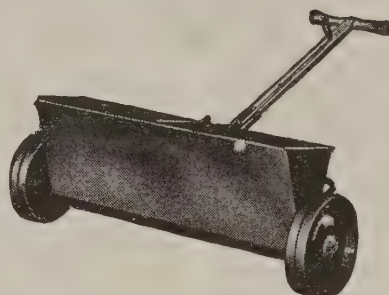
**Galvanized wire, 18-in.**

\$2.00 each



## Large Upright Sieve

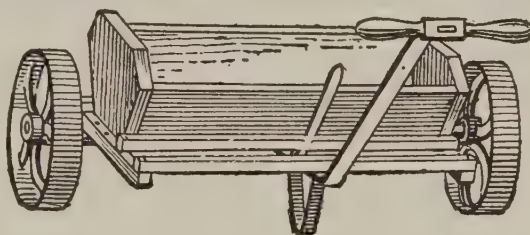
For soil, gravel, sand, etc. Made in any size mesh, of extra-heavy grade foundry wire. Price, \$24.00.



## Michell's Fertilizer Spreader

This Spreader was developed for the purpose of applying fertilizers on flower beds and vegetable gardens before the seeds are sown; also, to sow grass seeds, top dress lawns, and for many other purposes. Adjustments can be made so as to regulate the quantity desired to be applied.

**No. 1115.** 16-in.....\$8 50  
**No. 1215.** 24-in.....18 50  
**No. 1315.** 30-in.....24 50



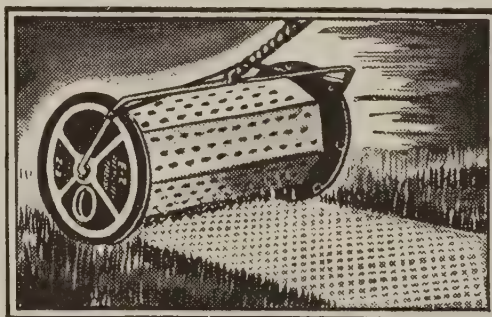
## Stevens Fertilizer Distributor

For distributing bonemeal, wood ashes, and other commercial fertilizers on fields, lawns, golf courses, etc., also for sanding putting-greens. Insures perfect and even distribution.

**Hand Machine.** Holds about 2 bushels; covering area, 3 feet wide. Price, \$35.00.

**Horse Machine.** For use on large lawns, fields, and golf grounds. Furnished equipped for either one or two horses, as may be desired.

5 ft. 10-in. spreading area.....\$75 00  
8 ft. 3-in. spreading area.....80 00

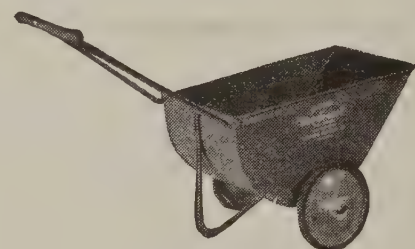


## E-Z Fertilizer Spreader

Fertilize your lawn - - Sow your seed the NEW E-Z way!

It's fun to fertilize your lawn the new "E-Z" way. Simply fill container, guide like a vacuum cleaner, and your lawn is covered—quickly, scientifically, uniformly. Dependable construction assures long life for this efficient, economical Fertilizer Spreader. Price, only \$1.25.

ALL PRICES SUBJECT TO MARKET CHANGES



## Handi-Cart

The last word in convenience for the homeowner—the successor to the wheelbarrow. Eliminates hard work and backache from shoveling or stooping to load up. Operation is as simple as using a dust-pan. Built extra strong to stand overloading and abuse, and will give years of satisfactory service.

**No. 1.** 2-cu. ft. capacity.....\$6 25  
**No. 2.** 3-cu. ft. capacity.....8 75

Either Cart with 1¾-in. puncture-proof balloon tires, \$2.20 extra.



## Wheelbarrow Grass Seeder

A practical machine for use on the farm and also for sowing parks and golf grounds. Quickly regulated to sow different quantities per acre. The distributing box is very near the ground, which is an important feature, preventing the seed from blowing away and thus coming up unevenly.

**No. 106.** Sows a width of 10 ft. Developed especially for seeding golf courses, parks and country estates..\$23 00

**No. 5.** Sows a width of 14 ft.....21 00

## Grass Catchers

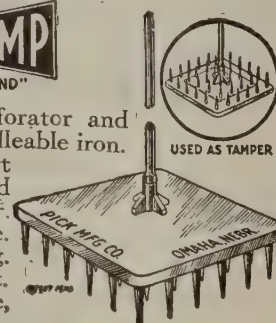
**Easy Emptying.** Short iron handle, round back, galvanized sheet steel bottom, heavy duck sides.

**No. G10.** For Mowers 12 to 16-in...\$1 50

**No. G12.** For Mowers 17 to 22-in...1 85



A combined perforator and tamper made of malleable iron. By loosening one nut it can be converted from spiker to tamper. Plates 9 in. square. Spikes 1¾ in. long. Length overall, 4 ft. Weight, 13 lbs. Price, \$5.85 each.





## MICHELL'S FARM AND GARDEN TOOLS



Water-Ballast  
Roller

Fill with water to weight it up to any number of pounds desired, as shown below. The same Roller can thus be used for soft turf, firm lawns, or for rolling the driveway and tennis court. Equipped with a device for keeping handles stationary. Ball axle bearings.

	Diam.	Length	Weight	
	Sections	in.	in.	Empty Filled
No. 602...	1	18	24	85 330

\$16 00



Midget Spike-Tooth  
Roller

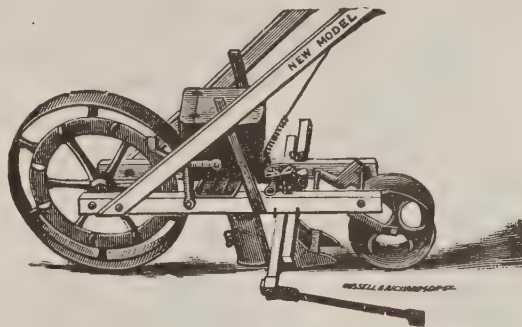
For the small or medium-sized lawn. Steel tray can be weighted with stone or bag of sand. Roller 13 in. wide. Spikes 1½ in. long. Price, \$9.00.



Champion Sod Cutter

The best and most satisfactory machine on the market. This machine will cut in one hour as much as two men can cut in a day. The machine is so constructed that it can be adjusted to cut the sod to a uniform thickness, 1 to 2 inches; has a reversible knife. Price, \$67.50. Extra knives for above, \$16.50. Disc Knives, \$3.50.

ALL PRICES SUBJECT TO MARKET CHANGES

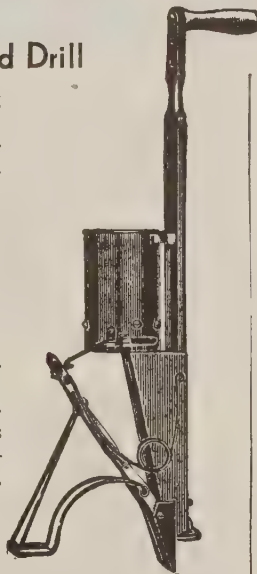


New Model Seed Drill

The depth of sowing can be easily regulated. A typical market gardener's drill, having a large capacity for seeds. Price, \$13.50.

American Hand  
Corn-Planter

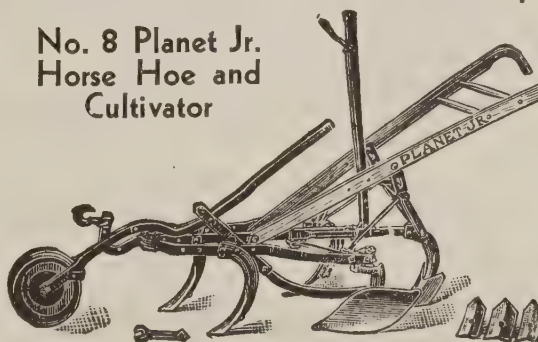
A great seed economizer and labor saver. Easily operated, accurate and reliable; works in all kinds and conditions of soil. Price, \$4.00.



Parts of Planet Jr. Wheel Hoes

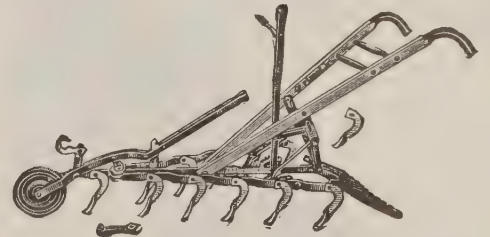
Disc Hoes 3350-51X. Pair.....	\$3 75
4½-in. Hoes S100-S101. Pair.....	1 20
6 -in. Hoes S100-S101. Pair.....	1 30
7½-in. Hoes S100-S101. Pair.....	1 50
9 -in. Hoes S100-S101. Pair.....	1 70
Peat Land Hoes. Pair.....	1 80
3-prong Cultivator Teeth, S42. Pair...	1 50
Cultivator Teeth Regular, No. 1395, all steel. Each.....	35
Narrow Cultivator Teeth, No. 2775, all steel. Each.....	35
Rakes, 3-tooth, S24. Pair.....	1 00
Rakes, 5-tooth, S25. Pair.....	1 50
Plows for Double Wheel Hoes, M5. Pair.....	1 40
Plows for Single Wheel Hoes, R6. Each.	1 15
Double Mouldboard Plows, 4678X. Each.....	1 70
Handles. Pair.....	2 00

No. 8 Planet Jr.  
Horse Hoe and  
Cultivator



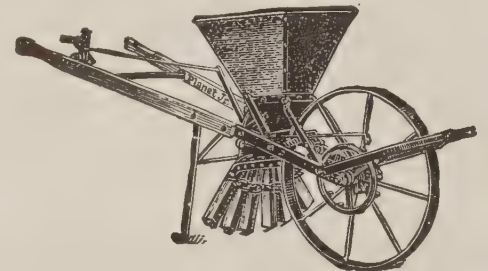
The lever wheel and depth regulator enable the operator to increase or lessen the depth of tilling by a mere stroke of the arm. A perfect 5-tooth cultivator. Price, \$17.50.

Planet Jr. 12-Tooth Harrow Cultivator  
and Pulverizer



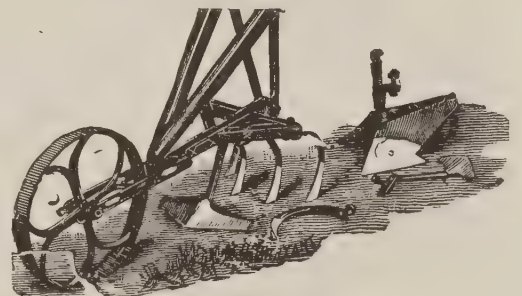
With the 12-tooth Harrow, you go as deep or shallow as you like, and come up close to the row without injuring plants. You widen and narrow as you please, between 12 and 32 inches.

No. 90. Complete with lever, steel wheel, and pulverizer.....	\$18 50
No. 90B. Without pulverizer.....	15 50
No. 90D. Without pulverizer and wheel.....	12 25



Planet Jr. Fertilizer Distributor  
No. 220

This will distribute in the middle of three rows up to 14 inches apart or will side-dress one side each of two rows up to 36 inches. Special gates are furnished to permit distribution through only the two middle spouts or two or three spouts on either right- or left-hand side. Quantity of fertilizer can be accurately regulated from 200 to 2000 pounds per acre. Price, \$31.50.



Gem Single Wheel Hoe

This is suited for almost any work in a garden. It weeds, hoes, hills, and harrows. Price, \$8.00.

No. 16 Planet Jr. Single  
Wheel Hoe, Cultivator  
Rake and Plow

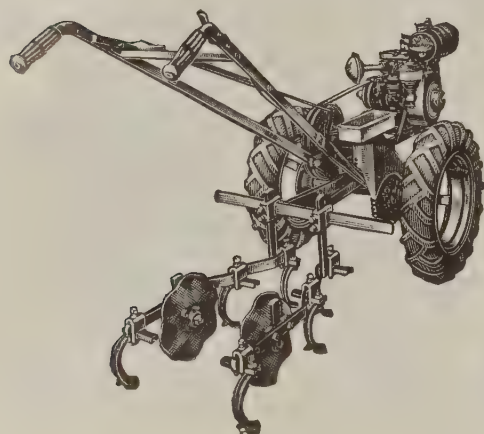
Price, \$10.25



Light, easily handled, and does good work. All steel except the handles; practically indestructible. Handles are adjustable for any height. Includes all equipment usually required in a garden. Fifteen-inch steel wheel; steel frame.



## MICHELL'S FARM AND GARDEN TOOLS



### Planet Jr. Garden Tractors

The Planet Jr. B1 Garden Tractor has a  $1\frac{1}{2}$  horsepower motor, is light in weight and easily handled. It comes complete with a cultivator as illustrated, but additional attachments for other practical operations are available for use with it.

The amount of work which it will do makes it ideal for the small farmer or home gardener. For the commercial grower it is valuable accessory equipment for such operations as seeding, cultivating, and mowing.

Price on application

### No. 4 Planet Jr. Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Price, \$21.00



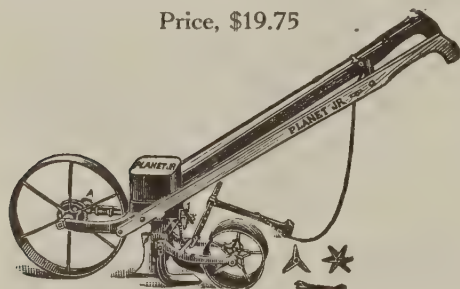
The No. 4 sows practically all vegetable seeds in drills, or drops in hills 4, 6, 8, 12, or 24 inches apart. In one operation it opens the furrow, drops seeds at the right depth, covers them, and marks the next row. By changing a single bolt it can be converted into a sturdy single wheel hoe, cultivator, or plow. Makes an ideal outfit for a medium-sized garden.

### No. 4D Seeder Only

Price, \$16.75

### No. 3 Planet Jr. Hill and Drill Seeder

Price, \$19.75



The No. 3 has for many years been a favorite with market gardeners, onion growers, etc.; it will handle any vegetable seed, planting in continuous rows or in hills, 4, 6, 8, 12, or 24 inches apart. Index for adjusting for different size seed is located on the handle. The hopper holds 3 quarts of seed.

### No. 25 Planet Jr. Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow

Price, \$25.50



"The Complete Gardener." As a seeder it is just like the No. 4 illustrated above, and can be converted into a double or a single wheel hoe. It will cultivate both sides of a row until the plants are 20 inches high. Equipment includes all the tools necessary in any garden and is fine for the family garden, onion grower, or large farmer.

### No. 35 Planet Jr. Seeder Attachment



Suited for planting short rows and in small quantities. With one bolt it fastens to any Planet Jr. Wheel Hoe or Garden Plow, except the Fire-Fly, or you can bolt a home-made handle to the bracket on the rear of the hopper and use as a seeder independently of the wheel hoe.

Price, \$6.50; with handle, \$7.00.

### No. 11 Planet Jr. Double and Single Wheel Hoe, Cultivator, Plow and Rake

Price, Complete \$16.50



Equipment is complete, including one pair 6-in. and one pair  $4\frac{1}{2}$ -in. hoes for weeding and shallow cultivation; four cultivator teeth for deeper and general cultivation; one pair plows for plowing, covering and ridging; two 3-tooth and two 5-tooth rakes for fine close cultivation.

### No. 12 Planet Jr. Double and Single Wheel Hoe, Cultivator and Plow

Price, \$12.95.

Same as No. 11 but less the  $4\frac{1}{2}$ -in. hoes and the rakes.

### No. 13 Double Wheel Hoe

Like No. 12, except that it is equipped with one pair side hoes only. Price, \$9.95.

ALL PRICES SUBJECT TO MARKET CHANGES

### No. 17 Planet Jr. Single Wheel Hoe

This is the same as No. 16, but without the rakes. Price, \$8.95.

### No. 17 $\frac{1}{2}$ Single Wheel Hoe

Same as No. 17, except that there is no plow. Price, \$7.95.

### No. 18 Single Wheel Hoe

Like No. 17, except that it is equipped with one pair side hoes only. Price, \$6.95.

### No. 300 Planet Jr. Seeder

Price, \$22.75



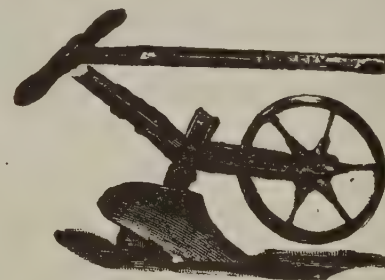
This is rapidly becoming the most popular Seeder. It is a plate Seeder having three seeder plates, each with 13 holes, giving ample adjustment quickly and easily for any size seed. Hopper removable. Easy running, dependable, and accurate.

### No. 119 Planet Jr. Garden Plow and Cultivator

Price, \$4.10



The No. 119 has a 24-in. steel wheel for easy working in rough and uneven soil. The equipment, which is all hardened and tempered, includes everything essential for the family garden. Can be furnished with a five-prong cultivator attachment in place of reversible scuffle blade (order No. 119W). Price, \$4.20.



### Fire-Fly Garden Plow

Useful to owners of small gardens, and to chicken-raisers for plowing up scratching-yards. Price, \$4.95.



## MICHELL'S FARM AND GARDEN TOOLS

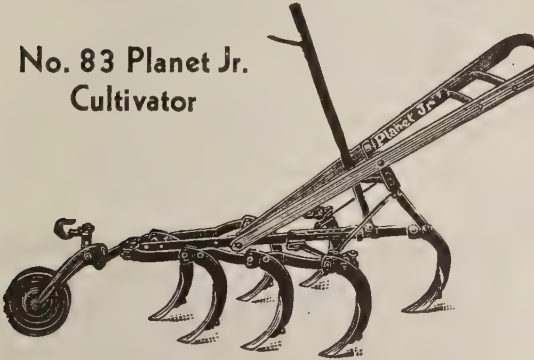
### Planet Jr. Star Pulverizer

Price, 7½ in., \$3.50

Excellent for preparing a seed-bed, weeding, or hoeing. Works like a carpet-sweeper, cutting off all the weeds and pulverizing the lumps.



### No. 83 Planet Jr. Cultivator



Many gardeners like the 7-tooth Cultivator because it prepares the soil better than does the 5-tooth machine. Price, complete with steel wheel, \$15.00.

**No. 83D.** Price without wheel, \$13.25.

### Planet Jr. Horse Cultivator Teeth

All 8 in. long.			
	Each		Each
1¼-in. ....	\$0 20	3-in. ....	\$0 30
1½-in. ....	21	4-in. ....	37
2¼-in. ....	24		

Send for a copy of the  
**PLANET JR. CATALOG**

### Pull Easy Cultivator

The teeth are adjustable to various widths; splendid for going between rows of young growing crops. Can be shipped by express or freight only. **No. P.E.5.** Price, \$1.75.



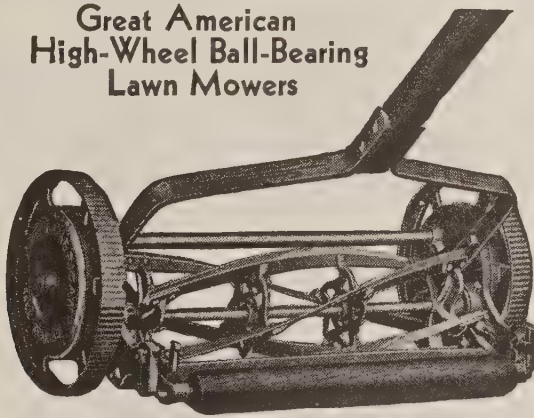
### Invincible Cultivators

This will be found a useful tool for weeding, loosening the soil, preparing seed-beds, etc. Price, with long handle, 3-prong, \$1.25; 5-prong, \$1.50.

### Ideal Dandelion Extractor

This simple device is the best thing of its kind ever used for taking weeds out of the lawn. It is not necessary to get down on hands and knees to operate it. The cutting blade is of the best steel, equipped with a convenient handle, so that either man, woman, or child can use it. 60c. each.

### Great American High-Wheel Ball-Bearing Lawn Mowers



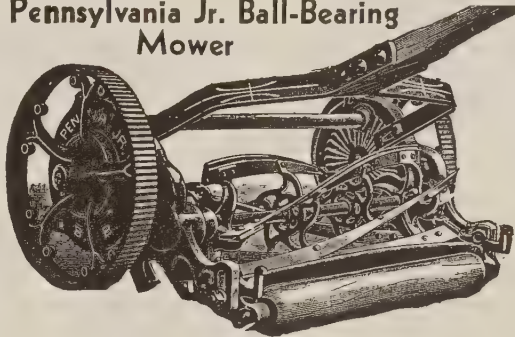
#### Great American High-Wheel Lawn Mower

This is the best all-round Mower of its type made; one of the greatest sellers of all time. It has 5 extra-wide crucible tool steel blades, oil hardened and tempered; lower blade with raised edge. Braun self-aligning ball-bearings, hardened steel cup and cones, eccentric screw adjustment with positive lock; internal gear on each wheel; steel wheel axle screwed and bolted to side plate. Can be regulated to cut grass at a height of from ½ to 1½ inches. High wheel, 10 inches in diameter.

17-in. cut. ....  
19-in. cut. ....

Price on application.

### Pennsylvania Jr. Ball-Bearing Mower



19-in. cut. .... Price on application

### Hand Lawn Mowers BALL-BEARING



#### Pacemaker

Adapted for all general-purpose work. Easy to operate. Equipped with 10-inch diameter open wheel, semi-pneumatic tires; 5-blade cylinder.

16-in. cut. .... \$20 40  
18-in. cut. .... 21 50

### Mohawk Mower

16 in. .... \$17 00

**ALL PRICES SUBJECT TO MARKET CHANGES**

### Imperial Mower

16 in. .... \$27 75  
18 in. .... 29 25  
20 in. .... 30 85

### Philadelphia Mower

16 in. .... \$26 25  
18 in. .... 26 50

### Kay Mower

16 in. ....  
18 in. ....  
20 in. ....

Price on application

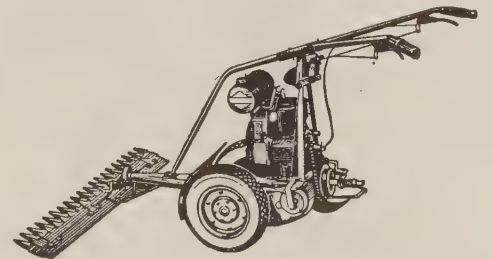
## POWER MOWERS

**BADGER.** A small Power Mower that is built to do the job of mowing and rolling the lawn on small and medium-sized estates. Low-cost operation. It is the peer of all small Power Mowers on the market today.

Width of cut, 19 inches. .... \$95 00

**BEAR.** Sturdy and strong. It is easy to handle. The low original cost, with a minimum of expense for upkeep and repairs, and its long enduring service gives the owner a simple, practical and most desirable power machine.

Width of cut, 19 inches. .... \$125 00



### The National Sickle Bar Mower

Cuts weeds and grass whether long or short, on practically all classes of ground—hilly or stony—around trees and shrubbery—on levels or in the rough. Engine drives, both cutting and traction, you only steer.

36 in. .... 40 in.

Price on application.

### Capitol Lawn Trimmer

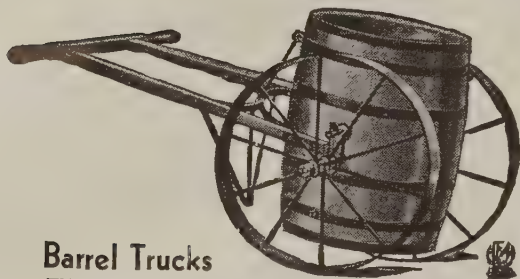
Comes equipped with aluminum wheel and aluminum pinion. It has a steel disc which can be adjusted in a few seconds to convert it into a first-class Edging device, while for trimming the lawn borders and walks, as well as against buildings, fences, etc., will prove to be a very satisfactory tool. Cuts a swath 6 inches wide. Price, \$12.50.

### Lawn-Mower Oil

Pure Oil that will not gum or get sticky is an essential for the satisfactory operation of every Mower. The Oil sold by us has been selected with this point in view. Pt. 30c.; qt. 50c.; gal. \$1.50.



## MICHELL'S FARM AND GARDEN TOOLS, ETC.



### Barrel Trucks

The Truck is constructed so that the Barrel may be detached quickly and the leaf rack attached.

**Truck** with 3½-in. tires, all-iron wheels.....\$25 00  
**Barrels**, with trunnions, open head.. 12 00  
**Truck and Barrel, Complete**..... 37 00



### Wood Leaf Racks

Excellent for gathering leaves, litter, grass, etc. They can be attached to a water-barrel truck, as shown.

**Leaf Rack** only, no truck.....\$18 00  
**Leaf Rack** with 3½-in. tire truck... 42 50  
**Truck** with 3½-in. tire wheels, no rack or barrel..... 25 00

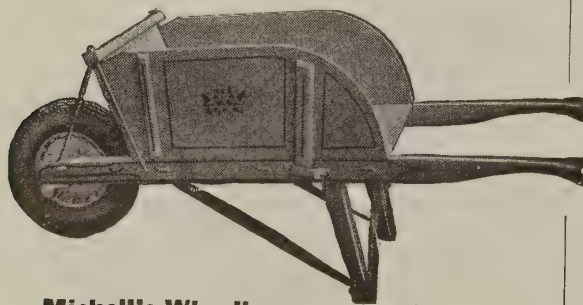


### Keystone Leaf Rack

This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass, and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. Price, not including wheelbarrow, \$10.50.

### Wheelbarrows

The measurements of Barrows indicate: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.



### Michell's Wheelbarrows.

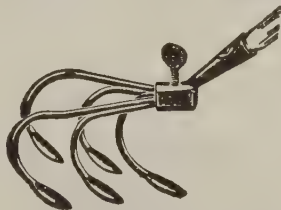
	Tire	Length	Depth	Width	
	In.	In.	In.	In.	
No. 1.....	2¾	30	12	25	\$12 00
No. 2.....	2¾	28	12	24	11 00
No. 3.....	2¾	26	12	22	10 00
No. 4 (Boys) .	1¾	22	9	18	7 50
<b>Special Greenhouse Style.</b> Narrow body and handle width.....\$12 00					

### GARDEX TOOLS

These modern tools enable the farmer and gardener to do their work in a much easier and more efficient manner. They eliminate the hard work, stooping, bending, and back-breaking, chopping motions. Tools are not lifted out of the soil, but stay in the ground as you go along thus saving you a lot of energy. They have been successful not only in the garden, but also on the farm, in vineyards, and in forests.

**No. 751. Gardex Dibble.** Made of steel, hollow, light as a feather, with a pistol grip which does not tire your hand when planting. Painted red. Half polished. Size over all 11¾ in. Price, 80c.

**No. 750. Gardex Hollow Planter.** Lifts out the earth through its conical tube. This tool is especially suited for hard soil; with its pistol grip it is pushed into the soil, given a quarter turn and then lifted out. The soil is not packed but taken up by the hollow tube automatically through the opening at the top as the next hole is dug. Thus the walls of the hole are not packed which gives the young plants an easy bed for a quick start. Painted red. Diameter of hole, 1½ in. Price, 80c.



### Seven Tools in One—Gardex New Interchangeable Cultivator.

Only four parts.

The wing screw holds all prongs tightly in place, yet permits quick changing to a Cultivator with 1, 2, 3, 4 prongs, thus one can cultivate in rows of various widths or straddle the rows. The one-prong tool can be used in small corners or very narrow rows, because the prong-holder is no wider than the prong itself. Price, \$1.65.

### No. 1523. Gardex Cultivator with Weeder.

Cultivate and weed with one tool. The 3-prong Cultivator loosens the soil thoroughly while the weeding-blade cuts off weeds quickly. One tool for two purposes. Painted red. 3 prongs 4½ in. wide. Weeding-Blade 4 in. Price, \$1.25.



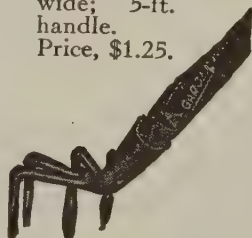
### Gardex Tools

Made of finest grade, high carbon steel.

### Pull Hoe

Weeds as it cultivates. **No. 1004.** 4 in. wide; 4½-ft. handle. Price, \$1.10.

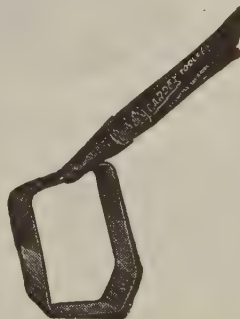
**No. 1005½.** 5½ in. wide; 5-ft. handle. Price, \$1.25.



### Culti-Claw

The ideal tool for flower and rock-gardens.

**No. 180.** 4½-ft. handle. Price, \$1.10.



### Hand Plow

Excellent for hill-ing corn, potatoes, or any plants.

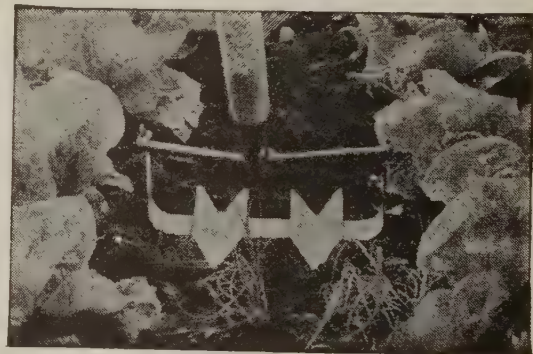
**No. 2006.** 6 in. wide; 5-ft. handle. Price, \$1.75.



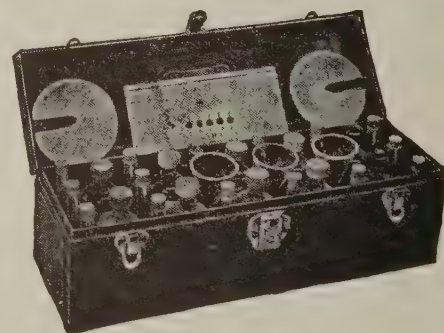
### Garden Pull Hoe Weeder No. 110

Weeds efficiently even in hard, dry, heavy soil. Accomplishes five to six times as much weeding as is possible with the old-style chopping hoe. Does a thorough job in your garden or in the field, in any type of crop.

With 1 Gardex Share. Width 5 in. Price, \$1.50.



With 2 Gardex Shares. Width 8½ in. Price, \$2.10.



### Sudbury Soil-Test Kit

**Professional Size. Model A.** Widely used by large growers, nurseries, greenhouses, and Government stations. Capacity, 200 individual tests. Inexpensive refills available. Price, \$22.50.

**Horticultural Size. Model B.** For the advanced amateur, or nurseries, growers, and greenhouses whose requirements do not call for the larger professional equipment. Capacity, 200 individual tests. Inexpensive refills available. Price, \$9.75.

**Club Model, C.** This new model in the famous Sudbury line gives a complete season of soil-testing at a far lower price than ever before. Makes 50 individual tests for nitrogen, phosphorus, potash, and acidity, showing how to lime and fertilize for best results. Cased in handsome, sturdy, imitation leather. Price, \$4.75.

**Home Gardeners Size. Model D.** A 20-test Kit. Complete with instructions and data on plant needs. Price, \$2.00.



Here are Rakes and Brooms for all uses

## MICHELL'S FARM AND GARDEN TOOLS, ETC.



American

### Turf or Sod-Lifters

This tool is indispensable for cutting and handling sod. The long shank permits uniform thickness, which is impossible to obtain with a spade.

**American.** Steel blade, with an 18-in. steel shank and wood D handle. Price, \$2.75.



### Lawn Edger

A simple steel disc device, with a flange that runs on the cement path, to cut away the grass which hangs over the edge of the walk. This revolving disc operates very easily and does not cut away any of the soil, which some people object to. Can be used successfully on straight or curved cement paths. Price, \$1.75.

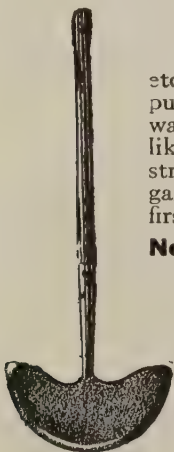
### Lawnette Roll-Away Carts

A popular utility Cart for grass-clippings, leaves, dirt, tools, or many other things which must be moved about in a garden or on a lawn. Quickly tipped forward for sweeping in refuse, etc. Well balanced. Dual legs prevent tipping when in loading position. Requires small storage space. Price, \$7.50.



### No. 136 Imperial Lawn-Edge Trimmer

With this tool the rough, straggling, overhanging grass along the edges of the walk can be trimmed in a few minutes. It plows a clean U-shaped trench, delivering the cuttings on the sidewalk, leaving the whole surroundings neat and attractive. Price, \$1.65.



### Edging Knives

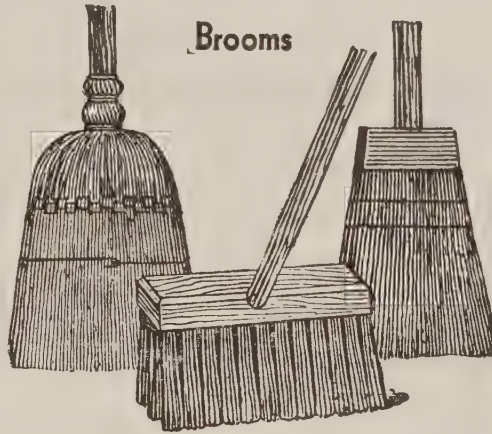
For trimming edges of paths, etc. No other implement will put a finish to a grass border, a walk, or a drive edged with sod like an Edging Knife. On straight work it is well to use a garden line so as to make a first-class job.

**No. 040.** American. With handle. Price, \$1.50.

### Lawn-Mower Sharpener

Price, 75c. Extra files, 30c. Oil Can. 85c.

ALL PRICES SUBJECT TO MARKET CHANGES



### Brooms

Plain Corn Rattan Push Fibre

	Each
<b>No. 9.</b> Fibre.....	\$1 75
<b>No. 8.</b> Corn and Rattan mixed.....	1 75
<b>Golf Greens.</b> Birch....Doz.	\$5.00.. 75
<b>No. 7.</b> Plain Corn. Extra quality....	1 75

### Road Brushes (With Handles)

<b>No. 271.</b> Rattan Push. 14-in.....	\$2 50
<b>No. 1414.</b> Bass or Cocoa Push. 14-in..	1 65

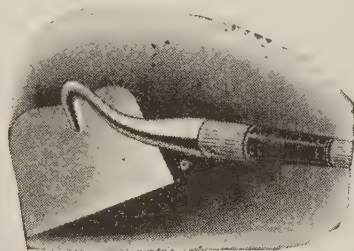


### Oak Lawn Rakes

18-in.....	\$1 50
24-in.....	2 00
30-in.....	2 50

### Tennis Court Rake

An exceptional Rake, 24 inches wide, with 36 teeth, braced on shoulders. This Rake is for special work on tennis courts, new work on golf greens, lawns, and for general purposes where a fine Rake is required. Price, \$3.75.



**No. 960 1/2.** Competitive Field and Garden Hoe with Gardex socket pattern, high carbon steel blade. One-third polished. 4 1/2-ft. handle. Blade width 6 1/2 in. Price, 75c.

**No. 251.** Gardex Curved Tooth Rake. Equipped with Gardex handle socket which does not allow the handle to wobble.

It is a well-balanced Rake which will rest easily in the hand without tiring the arm. An all-steel Rake of good quality. Painted green. 14 teeth. 5-ft. length. Price, \$1.00.



### Wooden Rakes

**Ames, No. 37X.** 28-tooth; steel bows..\$1 50

### Steel Garden Rakes

Made of best cast steel, with long teeth.

**No. 14.** 14-tooth.....\$1 35

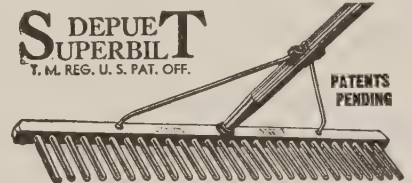
### Steel Bow Rakes

Preferred by many to the regular garden Rake, the teeth being slightly bent toward the operator.

**No. B14.** 14-tooth.....\$1 55  
**No. B16.** 16-tooth.....1 75

### Fuller Lawn Broom

Well made of good material. Has 28 flexible spring steel teeth 3/4 in. apart. Price, \$2.00.



### Depue Superbilt Rake

The finest wood Lawn Rake ever offered. The head of the tool and the handle are of straight-grained ash; the 28 teeth of hickory. Price, \$2.50.

### SC 14-Tooth Rake



One of the best garden Rakes. Price, \$1.25.



### Lawn and Dandelion Rake

**No. LDR.** Curved saw-tooth head; 26 teeth; width of head, 15 1/2 in.; 5-ft. handle; steel braces. Designed for use in raking or cleaning lawns and yards. Teeth will not tear the grass roots and will exterminate dandelions by cutting off blossoms before seeds mature. Price, \$1.25.

### Manure Fork



The above Fork is the most widely used style of all Manure Forks. When the manure is coarse or mixed with straw and cornstalks, this is the pattern to use because it has the wide spacing between the tines. Price, \$1.95.



You can hardly do without a good Trowel

## MICHELL'S FARM AND GARDEN TOOLS, ETC.

### Manure Forks

#### Strapped Shanks

	Each
4-tine. Light, short handle.....	\$2 20
4-tine. Heavy, short handle.....	2 75
4-tine. Long handle.....	1 95
5-tine. Long handle.....	2 20

### Spading Forks



Strapped shanks; short or D wood handle. Made of best-quality steel.

**No. 04HW. Men's. 4-tine.....**\$2 10

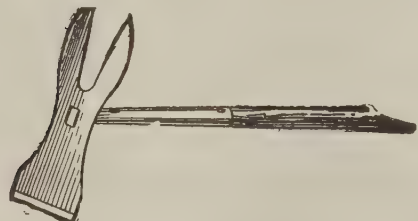
### Steel Hay Fork

**No. 036B. 3-tine; 6-ft. handle.....**\$2 35



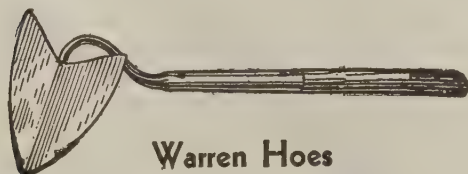
### Square Hoes

**No. G07. 7-in.; solid shank.....**\$1 30



### Two-Prong Onion Hoe

Will be found very valuable in weeding narrow rows. **No. 2P. Price, 90c.**



### Warren Hoes

Excellent tools for making drills preparatory to sowing of seed. The backs can be used for covering.

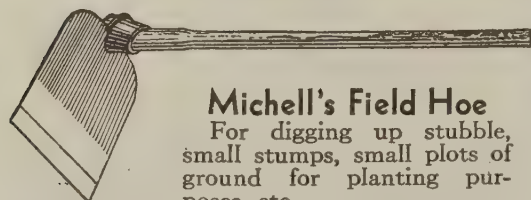
**No. W7. 7-in.....**\$1 55

**No. W7½. 7½-in.....**1 80



### Baby Warren Hoe

**No. BW4½. Short handle. Price, 90c.**



### Michell's Field Hoe

For digging up stubble, small stumps, small plots of ground for planting purposes, etc.

**No. GE40. 5½-in. blade.....**\$1 10

**No. IGH7. 7-in. blade, extra heavy... 2 10**

### SBT7 Square-Top Hoe



These are the standard Hoes of the sugar beet industry, for which they were first designed. Price, \$1.40.



### Mattock Hoes

#### Dig Ezy Pattern

Union quality. Blade and eye forged in one single piece. Blades black. Depth of head 12½ in. Round eyes. 4½-ft. handles.

	Width of Blades	Price
<b>No. MH3.....</b>	1½ and 3 in.	\$2 50

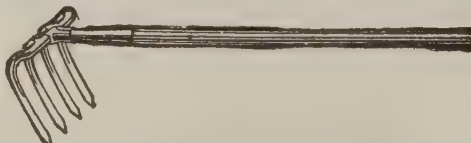


### Square Eye Hoes

#### Garden or Field Pattern, Handled

Union quality. Polished bits. Blade and eye forged in one piece. 4½-ft. handles.

	Width and Depth of Blade	Price
<b>No. GE7-0.....</b>	4 x 6 in.	\$1 60
<b>No. GE3-0.....</b>	6 x 6 in.	1 85
<b>No. GE1.....</b>	7½ x 6¾ in.	2 00

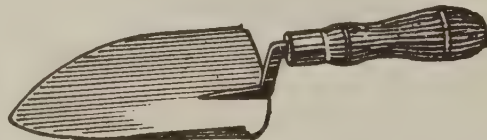


### Manure Drags

For spreading manure, digging potatoes, etc. Flat tines.

**No. 4. 4-tine.....**\$1 85

**No. 6. 6-tine.....**2 20



### Johnson Steel Trowels

**No. 211. These are made of one-piece steel blade and shank, with wood hand-grip.**

5-in.....	\$0 90
6-in.....	95
7-in.....	1 00



### Cleves' Angle Trowel

**No. 217. For getting dandelion, plantain and other weeds out of the lawn, and transplanting.**

	Each
5-in.....	\$0 30
6-in.....	35
7-in.....	40

### Transplanting Trowel

Steel shank and blade. Price, \$1.00.



### All-Steel Trowel

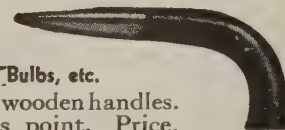
Price, 30c.

### Dibbles

For Planting Bulbs, etc.

Equipped with wooden handles. **No. 2180. Brass point. Price, \$1.50.**

**No. 218. Iron point. Price, \$1.00.**



### Poles for Tree Pruners

10 ft. long, 1½-in. diam.....	\$2 25
12 ft. long, 1½-in. diam.....	2 50
14 ft. long, 1½-in. diam.....	2 75

### Clyde Tree Trimmer

**No. 5407. Both blade and hook are made from the best tool steel, firmly riveted to basswood handles. Removable cutting blade and pole complete.**

6-ft.....	\$3 00
8-ft.....	3 25
10-ft.....	3 50
12-ft.....	3 75
14-ft.....	4 00

**Extra Blades for Clyde Pruners, each 35c.**



**No. 1R**

### Bartlett Compound Tree Trimmer

**No. 1R. Has a compound lever head and is made with a hook and side lever. Will cut a limb up to 1¼ inches in diameter. Prices with pole complete.**

6-ft.....	\$6 50
8-ft.....	6 75
10-ft.....	7 00
12-ft.....	7 50
14-ft.....	8 00
16-ft.....	8 50



### Pruning Compound

Qt.....	\$0 50
Gal.....	1 50

### Pruning Gloves

**No. 280. Horsehide, with gauntlets, Pair lined.....**\$2 75

**No. 217. Horsehide, with gauntlets, not lined.....**2 50

**No. 228F. Horsehide, no gauntlets, not lined.....**2 00

### Michell's Soil Auger

A handy tool used extensively for tree-feeding. Will cut a 1-inch hole in the heaviest soil to any depth up to 30 inches. Price, \$3.00.

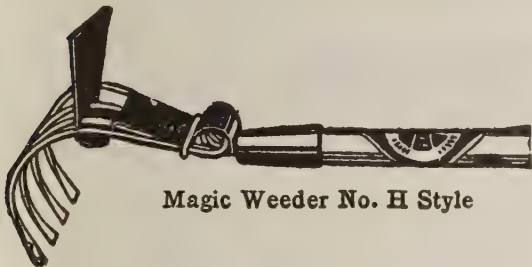
**ALL PRICES SUBJECT TO MARKET CHANGES**



MICHELL'S FARM AND GARDEN ACCESSORIES

**Hazeltine Weeder**  
No. 200. Price, 60c.

**Cleveland Lawn Weeder**  
Easy to operate; saves the back. The curved edge of the blade enters and loosens the soil, pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull dislodges it without disturbing the surrounding soil. Price, \$1.35.



Magic Weeder No. H Style

**Magic Weeder**  
Made of heavy, galvanized, flexible wire with flattened prongs or ends.  
No. A. Short handle; small.....\$0 20  
No. B. Short handle; medium..... 25  
No. F. Long handle..... 90  
No. H. Long handle; large..... 1 35

**Excelsior Weeder**  
Made of malleable iron, finished in tin. Price, 20c.

**Implement Handles**

	Each
Axe.....	\$0 60
Spade. Plain.....	85
Spading Fork. Plain.....	90
Manure Fork. Plain; short.....	75
Manure Fork. Plain; long.....	75
Shovel. Plain; short.....	75
Spade. Plain; short.....	75
Hoe. Plain.....	35
Rake. Plain.....	50
Pick or Mattock.....	50
Poles. 12-ft.....	2 50
14-ft.....	2 75

SEE PAGE 1 FOR PARCEL POST RATES

**Dock Lifter**  
For field and farm use. Will uproot the deepest-seated weed or dock; has tremendous leverage. Made of wrought iron and oak wood—no wear-out to it. Price, \$8.00. (Not mailable.)

**Dock and Thistle Cutter**  
No. SSS  
No. SSS.....\$2 50

**Screw Drivers**

	Each
4-in.....	\$0 35
8-in.....	50

**Post Hole Diggers**  
No. 8. This bores a hole 3½ feet deep and can be adjusted in diameter from 8 to 14 in. Price, \$7.25.  
No. 15. Eureka. Price, \$3.00.  
Post-Hole Spade. All steel with tamper end. Price, \$4.25.

**Picks**  
(Price with handle.)  
All steel double point.....\$2 35  
Handles, each..... 50

**Mattocks**  
(Price with handle.)  
Pick pointed.....\$2 00  
Axe pointed..... 2 50  
Half Mattocks or Grub Hoes..... 2 25  
Handles, each..... 50

**Scythes**  
The Little Giant is the best American-made Scythe for field and heavy grass work.  
Little Giant. 32-in.....\$2 25  
34-in..... 2 25  
36-in..... 2 25  
Little Giant Brush or Briar..... 2 25

**Scythe Handles**  
No. 30. Made of hardwood, well finished. Regular Scythe Style. Price, \$2.25.  
Snath Clips. Price, 30c.

**Tree Scraper**  
For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened.  
No. 3. Short handle. Price, 75c.

**Corn Knife**  
No. 300. Eureka. Bent blade. Price, 90c.

**Horticultural Knives**  
No. 727W. 2 blades. Price, \$1.60.  
No. 1001. 1 blade. Coconut handle. Price, \$1.50.

**Steel Hedge Knife**  
For cutting heavy brush, shrubbery, hedges, etc. Made of the finest steel.  
No. 1. Short handle. Price, \$1.60.



**Flat Files**  
For sharpening lawn mowers.

	Each
8-in.....	\$0 50
10-in.....	60
12-in.....	90



**Scythe Stones**

	Each
Sir Pike. Talacre Style.....	\$0 35
Talacre. Imported.....	50
Darby Creek.....	30

**Axes**  
Plumb Made. Medium, man's size; made of best-quality steel. Price, \$3.25.  
**Steel Hammers**  
No. 145. Price, \$1.50.

**Hatchets**  
Made of the best-quality tool steel that will keep an edge.  
Plumb. Price, \$2.25.

**Monkey Wrenches**  
Made of first-quality hard steel.

	Each
8-in.....	\$1 50
10-in.....	2 00



**Steel Pliers**  
No. 70. Side cutting, 6-in.....\$2 00  
No. 70. Side cutting, 7-in..... 2 25



**Carborundum Files**  
No. 57. Price, \$1.00 each.

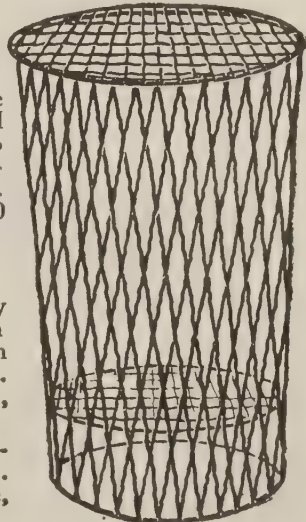


**Carborundum Rifle**  
Price, 45c. each.

**Streamline Grindstone**  
Substantially made; heavy steel frame with seat and double treadles. Fitted with improved ball bearings of the very best quality, encased so they will keep clean. Stone, 19 to 22 in. diam., 1¾ to 2¼ in. thick. Weight, 100 lbs. Shipped knocked down, crated. Price, \$18.50.

**Rubbish Consumers**  
No. 5. Made of heavy, crimped wire; meshed top and bottom; galvanized; 29 in. high. Price, \$7.50.

**Garden Line**  
Best-quality white cotton braid, woven closely. 100-ft. hanks. Price, \$1.50.  
**Plow Line.** Cotton. 45-ft. hanks. Price, 90c.



ALL PRICES SUBJECT TO MARKET CHANGES



## MICHELL'S FARM AND GARDEN ACCESSORIES



### Shovels, Short Handle

<b>Pfeiffer.</b> Round point.....	\$2 50
Square point.....	2 50
<b>King.</b> Round point.....	2 25
Square point.....	2 25
<b>Empire.</b> Round point.....	2 00
Square point.....	2 00



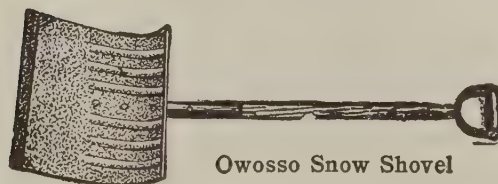
### Shovels, Long Handle

<b>Pfeiffer.</b> Round point.....	\$2 50
Square point.....	2 50
<b>King.</b> Round point.....	2 25
Square point.....	2 25
<b>Empire.</b> Round point.....	2 00
Square point.....	2 00



### Spades

<b>Pfeiffer</b> .....	\$2 50
<b>King</b> .....	2 25
<b>Empire</b> .....	2 00
<b>Nursery</b> .....	4 75
<b>Boys'</b> .....	1 85



Owosso Snow Shovel

### Snow Shovels

<b>Owosso.</b> Galvanized. 16 in. wide.....	Each \$1 40
20 in. wide.....	1 75



### Grass Shears

For trimming along walks and curbing and in other inaccessible parts of the lawn missed by the mower.

<b>No. 012. American.</b> 6-in.....	\$2 50
<b>No. 0267. American.</b> 5½-in.....	1 50

ALL PRICES SUBJECT TO MARKET CHANGES



### Wiss Hedge Shears

Superior construction; blades of high carbon steel, accurately hardened and tempered. Handles of drop forged steel with comfortable wood-grip handles. Don't tire the arms.

If wanted by Parcel Post, add 20c. each for postage.

8-in.....	\$3 50
9-in.....	3 75
10-in.....	4 00

### Lawn Shears

For trimming under shrubbery, fences, and other out-of-the-way places. The two wheels permit the Shears to move over the ground freely, backward and forward.

**No. 1104.** 8-in. blade; long handle. Price, \$5.75.

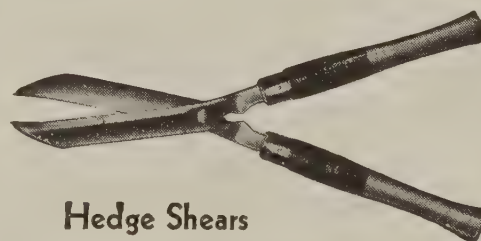
### Border Shears

Made of finest American steel. They take the place of edging knives and avoid the necessity of doing much stooping. The Shears without wheel work equally as well as those equipped with wheel; this feature is an item of individual preference only.

**No. 1102.** 9-in. Without wheel..... \$4 75

**No. 1103.** 9-in. With one wheel..... 6 25

**Handles** for Border Shears. \$1.25 per pair.



### Hedge Shears

#### American

8-in.....	\$2 75
9-in.....	3 00
10-in.....	3 25

**Lock Bolts, Nuts, and Washers** for Hedge Shears. 25c. each.

### Pruning Shears



These are procured from the most reliable makers and are fully guaranteed.

	Length	Each
<b>No. 156. Disston</b> .....	8½ in.	\$3 50
<b>No. 127. Disston</b> .....	8¼ in.	2 25
<b>No. 143. Disston</b> .....	9 in.	1 75

**Spiral Springs.** For any of the above Pruning Shears, each 25c.; doz. \$2.50.

### Sickles or Grass Hooks

<b>World's Finest.</b> No. 11½.....	\$1 00
<b>Champion.</b> No. 1½.....	75
<b>Hand Made.</b> No. 1.....	60
<b>Perfect.</b> No. 4.....	90

**The Little Giant Long Handle Grass Hook** has a polished blade 12½ inches long, a pressed steel shank, enameled red, with a 42-inch handle, 1½ inches in diameter. Price, \$1.25.

**Little Giant Grass Hook.** Price, 80c.

**Lawn King Grass Hook.** Price, \$1.00.

### Little Wonder Hedge Trimmer

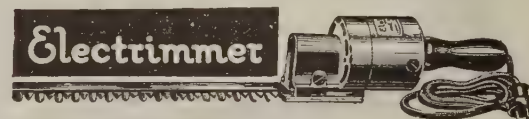
The Little Wonder Hedge Trimmer cuts every variety of hedge grown, five or six times faster than the old-fashioned hand-shear method and makes hedge-cutting a pleasure. Long cutting-bars which make a quick and even cut. Made strong and sturdy; built to last many years.

**Junior.** 30-in. cut.....\$34 00

**Little Wonder.** 40-in. cut..... 37 00

**Little Wonder.** 60-in. cut..... 42 00

**Little Wonder Electric.** Also available in 36-in. and 60-in. sizes. Prices on request.



Trims hedges ten times faster, and it's fun—not work. Operates from any ordinary light socket; cuts a clean, perfect swath through the toughest hedge growth. Trims 100 feet of hedge, top and sides, in 30 minutes.

Complete with 8-ft. cord.....\$29 50

100 ft. best-quality 18-gauge ext. cord. 3 50

200 ft. best-quality 16-gauge ext. cord. 8 50

Length of blade, 12 inches

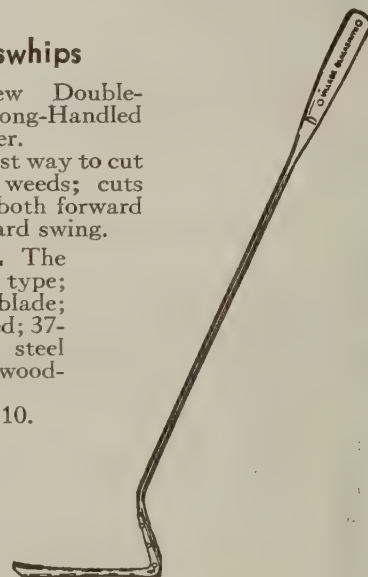
### Grasswhips

The New Double-Edged, Long-Handled Grass-Cutter.

The easiest way to cut grass and weeds; cuts rapidly on both forward and backward swing.

**No. 200.** The gooseneck type; forged blade; double edged; 37-in. round steel shaft, with wood-en handle.

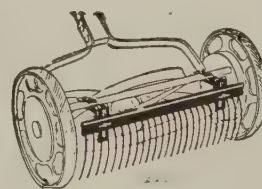
Price, \$1.10.



### Crab-Grass Eliminators

Adjustable to fit all mowers. Lifts the seed spikes from the surface ready to be cut in the normal operation of the mower.

12-in. size.....	\$1 65
14-in. size.....	1 90
20-in. size.....	2 15



### Mole Traps

For catching moles that ruin lawns and damage the contents of hotbeds and cold-frames. Moles usually move about 5 A.M. and 5 P.M., so that Traps should be set for that period.

**Victor "Out-of-Sight" Mole Traps.** Price, \$2.00.

### Mouse and Rat Traps

Made entirely of steel, nickel-plated. Will not warp or crack.

**Mouse**.....\$0 10 | **Rat**.....\$0 25



*This pruning equipment will do a good job*

## MICHELL'S GARDEN AND GREENHOUSE ACCESSORIES

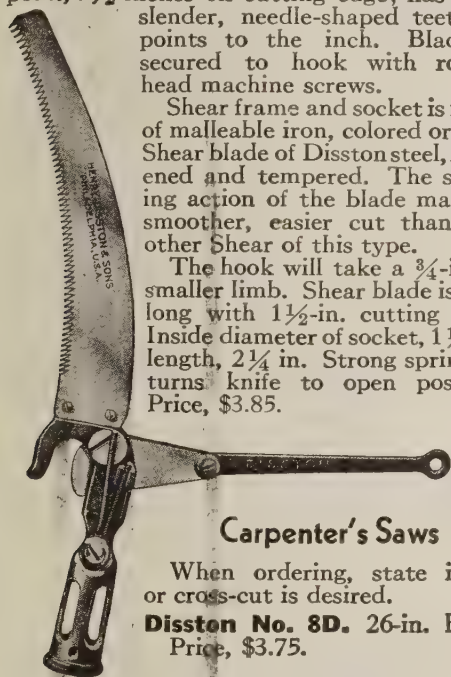
### Disston's No. 55 Pruning Saw and Shear

Known as "The Orchard" and is the best combination Saw and Shear made. Curved blade makes it easy to engage and to saw the higher branches of a tree when used with pole. Can be used to advantage on the lower branches without the pole.

The blade is made of Disston steel, taper ground, with a curving taper from butt to point, 9½ inches on cutting edge; has long, slender, needle-shaped teeth; 8 points to the inch. Blade is secured to hook with round-head machine screws.

Shear frame and socket is made of malleable iron, colored orange. Shear blade of Disston steel, hardened and tempered. The shearing action of the blade makes a smoother, easier cut than any other Shear of this type.

The hook will take a ¾-in. or smaller limb. Shear blade is 4 in. long with 1½-in. cutting edge. Inside diameter of socket, 1½ in.; length, 2¼ in. Strong spring returns knife to open position. Price, \$3.85.



### Carpenter's Saws

When ordering, state if rip or cross-cut is desired.

**Disston No. 8D.** 26-in. blade. Price, \$3.75.

### Cross-Cut Log Saws

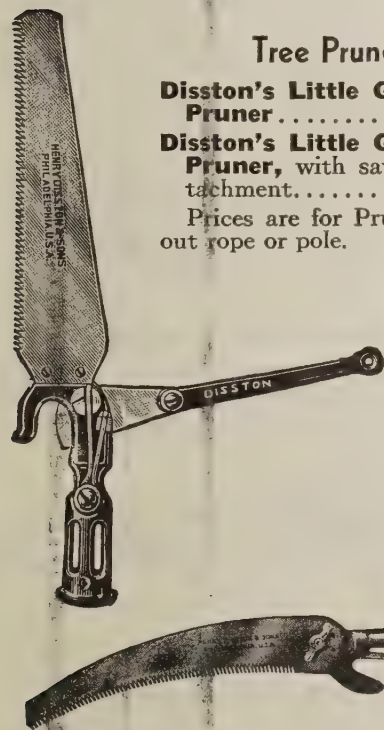
**No. 554. Champion.** One-man. 3-ft. blade. \$4 00

### Tree Pruners

**Disston's Little Giant Pruner**.....\$2 50

**Disston's Little Giant Pruner, with saw attachment**..... 3 50

Prices are for Pruners without rope or pole.



### No. 114 Pruning Saw

The No. 114 Pruning Saw has a hook on socket for pulling branches out of trees. This Saw is generally used with a pole. Blade curved, taper ground, with 14-inch cutting edge. Long, slender, needle-shaped teeth, 8 points to inch. Price, \$2.50.



No. 4



No. 7



No. D27

### Disston Pruning Saw

If wanted by Parcel Post, add 15c. each for postage.

**No. 4.** 18-in., double edge.....\$2 10

**No. 4.** 20-in., double edge..... 2 35

**No. 7.** 16-in., single edge..... 2 10

**No. 7.** 18-in., single edge..... 2 25

**No. 7.** 20-in., single edge..... 2 35

**No. 5.** 20-in., double edge, curved blade..... 2 35

**California Pattern.** 14-in. Crescent-shaped blade..... 1 75

**No. D27.** A superior Saw for tree-surgery work. Steel blade 6 in. wide at butt; 1¼ in. at the point; 26 in. long; hardwood handle..... 4 00



No. 1 Forester Lopping Shears

### Forester Lopping Shears

Powerful and ruggedly built Shears. Has patented slide-shift power slot.

**No. 1.** 20 in. long. Capacity, 1 ⅞ in. Weight, 2 lbs., 10 ozs. Price, \$5.00.

**No. 2.** 27 in. long. Capacity, 1½ in. Weight, 4 lbs., 10 ozs. Price, \$6.00.

**No. 3.** 34 in. long. Capacity, 2 in. Weight, 7 lbs., 4 ozs. Price, \$7.00.

### Rhodes Lopping Shears

Makes an absolutely clean, perfect cut. The blades are concaved at the cutting edge, producing, with the handles, an enormous leverage. The easiest operating Lopping Shears ever made or sold. 26-in. and 30-in. handles. Price, \$6.00.



### Lopping Shears

**No. 7.** All-steel blade and arms. Blade 3 in. long; arms 15 in. long. Hardwood handles, 8 in. long. Weight, 1¼ lbs. Price, \$4.00.

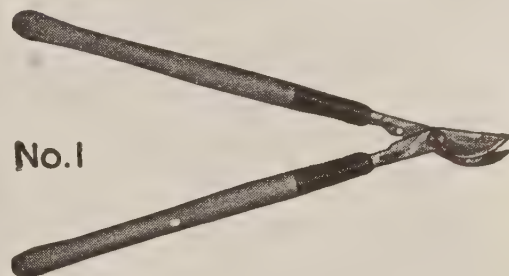


### Clyde Draw-Cut Lopping Shears

**No. 5402.** Blade, hook, and shank are forged tool steel. Natural finish ash handles 30 in. long. Pressed steel stripped ferrule and cap. Price, \$4.75.

### Clyde Lopping Shears

**No. 5409.** Solid tool-steel blade and hook. Hardened steel bolt with lock nut. Handles natural finish ash, 2 ft. long. Polished pressed steel ferrule and cap. Price, \$2.25.

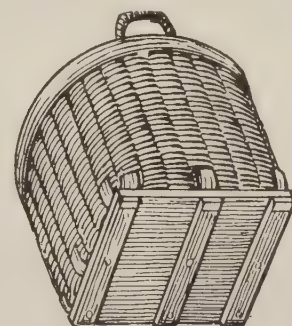


No. 1

### Disston Lopping Shears

**No. 1. Disston Lopping.** Polished hardwood handle, 20 inches long; 27½ inches over all; heavy ferrule; heavy blades for heavy work. Weight, 3¼ lbs. Price, \$3.75.

**No. 3. Disston Bull Dog Lopping.** Both jaws curved and both cutting jaws. Weight, 3½ lbs. Price, \$3.60.



### Rubbish Baskets

A Basket for gathering up rubbish and litter will be found a great convenience, especially when it is suited for the purpose. This Basket holds 3 bushels and can be carried or wheeled on a barrow. Price, with rope handles, each \$5.00.

### Garden Baskets

**No. 4. Without Handle.** Each  
½-bus.....\$1 10  
1-bus..... 1 50



### Gathering Basket

Very convenient for carrying berry-boxes, asparagus, and other vegetables. Made of oak, with substantial handles. 12 in. wide, 25 in. long, 4 in. deep. Price, \$1.00.

### Flower-Picking Basket

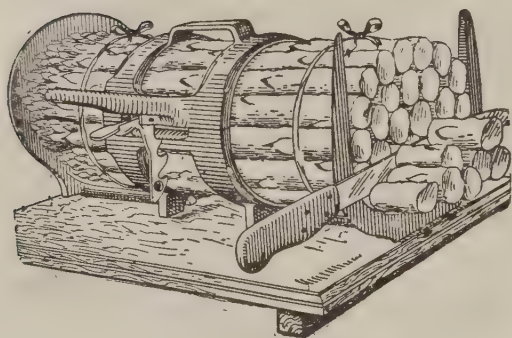
Especially designed for gathering flowers with long stems. Featherweight and roomy. 19 in. long, 11 in. wide, 4 in. deep. Price, \$1.00

ALL PRICES SUBJECT TO MARKET CHANGES



Do you know all the advantages of Peat Moss?

## MICHELL'S GARDEN AND GREENHOUSE SUPPLIES



### Asparagus Bunchers

Even where one has a limited amount of asparagus to market, it pays to use a Buncher. Price, with knife-guard, \$4.50.

### Asparagus Knives

	Each
No. 2501.....	\$0 50
No. 2500.....	50
No. 2311.....	50

### Asparagus Tape

**Fast Red.** 1000-yd. spool. Price, \$6.50.  
**Green.** 1000-yd. spool. Price, \$5.00.

### Bemis Erosionet

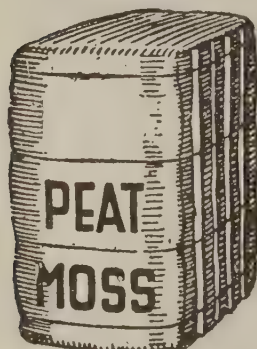
For New Lawns, Weak Lawns, and Stubborn Terraces



Erosionet is a strong, economical, open-mesh fabric made of tightly twisted paper twine. When placed over any seeded surface, its 1/4-inch-square mesh catches and holds seed and sod firmly in place. Thus, damaging washouts from heavy rains are effectively checked without cutting off the sunlight.

Erosionet is quickly and easily applied and can readily be removed when the grass has become established. One width only—45 inches. Price, 13c. per lineal yd. in full rolls (250 yds.). Smaller lengths, 15c. per lineal yd.

Staples for above. Doz. 50c.; 100, \$4.50.



### Peat Moss, Granulated

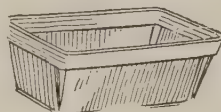
Large bale....	\$5 00
1/2 bale.....	3 25
1-bus. bags...	75

We offer only the highest grade, clean granulated Peat Moss, certified as to quality and uniformity. An excellent material for summer

or winter mulching, and a valuable source of organic matter when incorporated with the soil.

### Boss Fruit Picker

Made substantially of galvanized wire. Can easily be attached to a pole of any length. Price, 75c.



### Berry Boxes

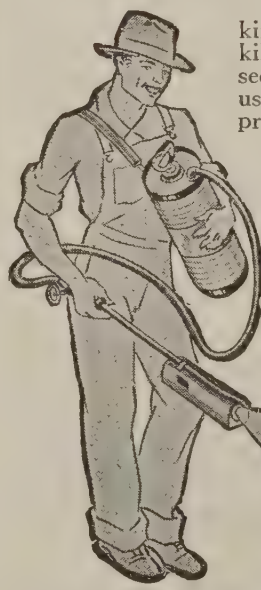
	100	1000
1-pt.....	\$1 85	\$15 00
1-qt.....	1 85	15 00



### Grape-Protecting Bags

Thousands of bunches of grapes are wasted annually because they are not protected against the ravages of insects, birds, etc. Michell's Improved Grape Bags are economical, easily attached, and last a season. The fruit ripens just as readily in them as it does in the open. Bags should be attached when the grapes are the size of a pea, prior to which it is suggested that they be sprayed (even though not affected) against blight or fungus. Leave Bags attached until the fruit is ready to harvest. 100, \$1.75.

### Aeroil Weed Burner



For destroying any kind of weed or brush, killing stems, roots, and seeds. Burner can be used with any type compression tank.

No. 99. Complete with 4-gal. tank and hose. Price,	\$20.00.
Without tank. Price,	\$12.50.
No. 99 Jr. Aeroil Weed Burner. Price with 2-gal. tank	\$15.00. Price without tank,
	\$11.00.

### Rubber Kneeling Pads

Will protect the clothing and prevent knees from becoming damp. Price, 75c.

### Weather-Vane

No. 30. Crowing Rooster. 19 in. long; 23 in. high.	\$6.75.
No. 5. Windmill. 19 in. long; 22 in. high.	\$6.75.
No. 17. One-horse Shay. 19 in. long; 22 in. high.	\$11.50.
No. 28. Running Horse. 19 in. long; 20 in. high.	\$6.75.
No. 15. Two-masted Schooner. 19 in. long; 22 in. high.	\$7.50.
No. 20. Mistress Mary. 19 in. long; 23 in. high.	\$6.75.



**Husking-Pins**  
The Boss. Combination, leather and metal. Price, 40c.

**Garden Reels**  
Medium. Single. Price, \$3.00.  
Small. Single. Price, \$2.00.

### Eazy Wear Garden Gloves

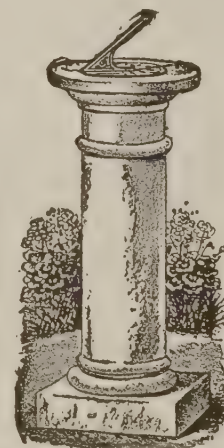
A soft, pliable, all-leather, dirt-proof Glove for both men and women. Specially adapted for general home use. \$1.00 per pair.



### Sun-Dials

These ancient time-tellers are a part of every exclusive flower or vegetable garden, and, indeed, a very interesting one.

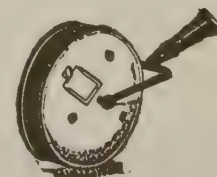
No. 350. 8-in. diam.; bronze; plain. Price,	\$4.50.
No. 351. 9 1/2-in. diam.; bronze; with motto. Price,	\$5.00.
No. 105. 10-in. diam.; bronze; with motto. Price,	\$6.00.
No. 107. 11-in. diam.; bronze; with motto. Price,	\$7.50.



Prices do not include pedestal.

### Tennis-Court Markers

No. 5. Excelsior. A practical low-cost Marker, easy to operate. Rear marking action only. Suitable for grass or dirt. Capacity, 2 1/2 gallons. Price, \$17.50.



No. 0X. The most practical Marker where dry lime is used. Price, \$3.50.

### Commercial Whiting

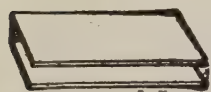
An improvement over lime for marking tennis courts and athletic fields. Will not crack or curl and is less affected by rain. \$2.00 per 50 lbs.; 100 lbs. \$3.75; bbl. (250 lbs.) at \$3.00 per 100 lbs.

ALL PRICES SUBJECT TO MARKET CHANGES



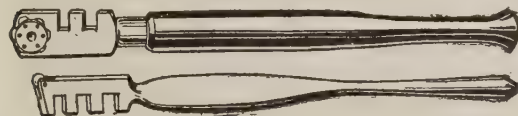
Our Thermometers are tested and true

## MICHELL'S GARDEN AND GREENHOUSE SUPPLIES



### Peerless Glass Repair Clamp

For supporting broken lights of glass. Will not rust. Price, \$2.00 per 100.



### Glass Cutters

Each

Single Wheel, steel.....	\$0 30
6-Wheel, steel.....	55
No. 8. Small Diamond. Ebony handle.....	7 00
No. 8A. Large Diamond. Mahogany handle.....	10 50

### Liquid Glazing Putty

Superior to ordinary Putty; more easily applied and lasting. Can be put on with a putty bulb or mastic machine.

Especially adapted for glazing wood and metal sash. Gal., \$2.50; \$10.50 per 5 gals.

### Masticote Glazing Cement

**Black.** Apply with a mastic machine. Gal., \$1.50; \$5.50 per 5 gals.

### Mastica

For glazing greenhouses. One gallon will cover about 300 running feet. Gal., \$3.00.

### Greenhouse Paint

A superior white Paint for sash-bars, sash-frames, etc. Gal., \$4.50.

### Skybryte Glass Cleaner

For taking off whitewash shading, etc. Coat the glass with Skybryte, flush off with water, and glass is clean. Five pounds to 20 gallons of water is sufficient for 20,000 square feet of glass. 5 lbs. \$4.00; \$16.50 per 25 lbs.



### Glazit Gun

For applying liquid glazing putty, mastic, etc. Price, \$4.25.



### Glazing Chisel

Made of the best-quality steel. Price, \$2.00.

### Putty Distributor

For distributing putty, mastic, etc. Price, \$1.50.

### Mastica Machine

For distributing mastic, etc. Made of heavy zinc. Price, \$4.25.

### Glazing Points

**Peerless.** Three sizes.  
**No. 1.** For single glass.  
**No. 2.** For single glass.  
**No. 2 1/2.** For double-thick glass.  
 Price, 80c. per 1000.



1 2 3

**Pincers.** For driving Peerless Points. Price, \$1.00.

**Seibert Style.** Zinc. Made with a prominent head. Cannot rust. Easily driven. 5/8-, 3/4- and 7/8-in. 75c. per lb.; 5 lbs. \$3.60. (1000 to 1200 in a pound.)

**Zinc Glazing Nails.** 75c. per lb.

### Glazing Points

No. 1. Peerless  
 No. 2. Seibert's  
 No. 3. Zinc Nails

### Grafting Wax

Used for budding and grafting work and for filling small cavities in trees. 1/4 lb. 25c.; 1/2 lb. 40c.; lb. 65c.

### Grafting Tool

Made of the best steel. For grafting trees etc. Price, \$1.40.



### Compound Extension Ladders

These are made in the best manner possible and are complete, being equipped with the necessary rope and pulleys.

20-ft.....	} 85c. per ft.
22-ft.....	
24-ft.....	
28-ft.....	
30-ft.....	
32-ft.....	} 90c. per ft.
36-ft.....	
38-ft.....	
40-ft.....	

### Single Plank Ladders

Made of good hardwood, free from faulty knots, and with perfect rounds.

8-ft.....	18-ft.....	} 75c. per ft.
12-ft.....	20-ft.....	
14-ft.....	22-ft.....	
16-ft.....		

### Step-Ladders

**Columbia.** 3-step up to 10-step. Price per step, \$1.15.

### Glass Dairy Thermometer

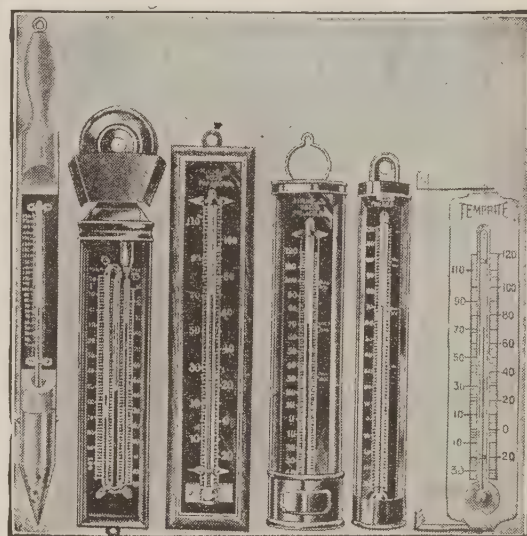
For testing milk, etc.; also used for soil purposes. Price, 50c.

### Recording Thermometer

**No. 200.** This type of Thermometer, which can be equipped with either a daily or weekly chart, enables one to keep an accurate record of the temperature in his greenhouse during every hour of the day and night. The Thermometer is equipped with a high-grade clock and ink stylus which marks very accurately. It is an ideal installation. In ordering, state if weekly or daily record chart is desired. Price, \$53.00.

### Mushroom or Hotbed Thermometer

**No. 20450.** Iron point; oxidized finish. Price, \$4.00.

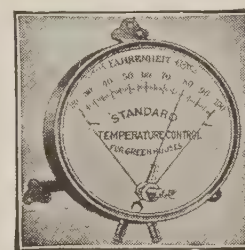


### THERMOMETERS

**No. 5448. Maximum and Minimum.** Registers the coldest and warmest point during the previous night. 10-in., black tin case. Price, \$8.00.

### Tested Thermometers

<b>No. 5127.</b> Temprite Thermometer....	\$1 25
<b>No. 5136.</b> Temprite Thermometer.	
8 in. Black.....	1 25
<b>No. 5400.</b> Temprite Thermometer. 8 in. Black.....	1 50
<b>No. 5400.</b> Temprite Thermometer. 12 in. Black.....	3 00
<b>No. 5400 P.</b> Temprite Thermometer. 8 in. Copper.....	3 50
<b>No. 5400P.</b> Temprite Thermometer. 12 in. Copper.....	4 50



### Electric Thermostat

This device can be set to ring an alarm when the temperature goes above or drops below a desired point. All brass.

**No. GH3.** Not waterproof style. Price, \$14.00.

**No. GH4.** Waterproof style. Price, \$20.00.

### Celery Bleachers

**B. B. Patented Celery Bleachers.** Made of special-process material, scientifically treated to withstand moisture. With these Bleachers no banking of soil or putting up boards is necessary. Easy and quick results—prevents rot—produces cleaner more uniform product under all conditions.

No.	Size	Doz.	100	1000
<b>B2</b> ....	6 1/2 x 13 in.	\$0 55	\$4 00	\$36 00
<b>B3</b> ....	7 x 14 in.	60	4 50	40 00

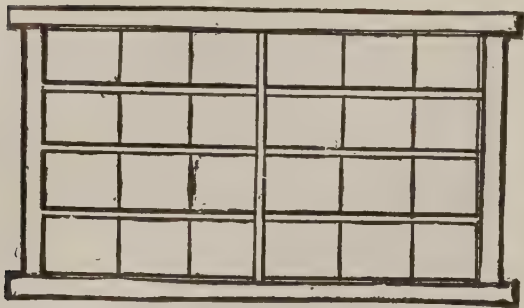
**Celery Handler.** Brass, \$3.00. Tin, \$1.35.

ALL PRICES SUBJECT TO MARKET CHANGES



For earlier crops use Hotkaps

## MICHELL'S GARDEN AND GREENHOUSE SUPPLIES



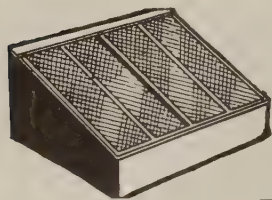
### Hotbed Sash

**Philadelphia Style.** Made of best-quality cypress. Size: 3 ft. 1½ in. wide, 6 ft. long, 1¾ in. thick. Each Plain, not glazed or painted.....\$4 25 Complete, puttied, glazed and painted..... 9 00

### Flex-O-Glass

A glazed cloth used in place of glass in poultry houses, hotbeds, greenhouses, etc. Transparent and readily admits light, while at the same time withstanding cold, water and wind. 3 ft. wide.

Cut pieces, 35c. per yd. Full-roll lots (100 yds.), 33c. per yd.



### Cel-O-Glass

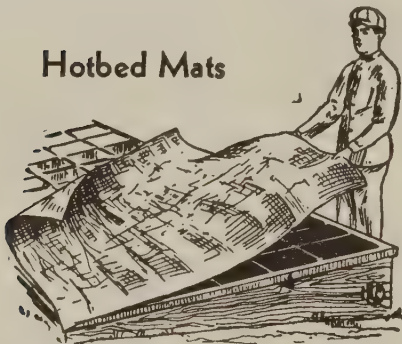
Grow your own plants and get earlier flowers and vegetables with Cel-O-Glass. Use the new improved style on your cold-

frames and hotbed sashes, for such important new uses as cylinders and cones for individual plants, forcers for row plants, and newly planted seeds. Can be used where ordinary glass and cloth cannot and is much lighter. Sashes are easier to handle; not affected by hail, snow, rain or wind and cannot break like glass; flexible; easy to cut and use; highly translucent, lets in the ultra-violet rays of sunshine.

The new improved Cel-O-Glass lasts twice as long; saves heavy lifting, breakage, and repair expense. 28-in. and 36-in. widths.

Cut pieces, per running ft.. 28 in. 36 in.  
Rolls of 25, 50, and 100 ft., \$0 35 \$0 40  
per running ft..... 38 32

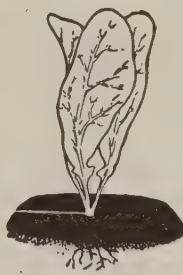
### Hotbed Mats



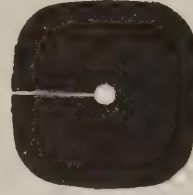
Hotbed Mats keep frost and severe cold out of frames. They are padded with shoddy and are practically indestructible.

**Burlap.** 76 x 76 in., for two sash. Each, \$6.00; doz. \$70.00.

**Burlap.** 40 x 76 in., for one sash. Each, \$3.00; doz. \$30.50.



### Tar Felt Pads



For protecting plants against maggots. Lay flat on the ground; non-curling. Price, 50c. per 100; per 1000, \$4.00.

### Neegards

#### The Modern Knee Protector

Ideal for gardening and housework, floor-work, linoleum laying, mining, deckwork. Makes kneeling on hard, rough ground or floors easy. They form-fit your knees and stay in place. (Can be worn over or under clothes.) Price, \$1.35.



Germaco Hotkaps

### Germaco Hotkaps

Protects plants from frost and other elements; matures crops earlier; keeps insects out; keeps soil soft.

1000 lots.....\$11 00

Trial Pkg. (250) including Setter and

Tamper..... 3 50

Home Pkg. (100) including Setter and

Tamper..... 1 95

Home Garden Pkg., containing 25 Hot-

kaps and Cardboard Setter..... 50

Garden Setter..... 1 35



Silkaine



Green Sea Island

### Twines, Etc.

**White Cayuga.** Ball Lb.

No. 108. Medium.....\$0 55 \$0 95

No. 208. Heavy..... 55 95

Jute. 2-ply and 3-ply..... 30 50

Green Sea Island. 1-lb. cone. 1 25

No. 4½ Twine. Medium heavy 45 90

White Cotton. 3-ply and 4-ply 25 90

Tarred. For mat-making.... 50

Tarred Sisal. For fodder.... 50

Binder. Large balls..... 25

Express. Very heavy..... 50

Green Silkaine. For stringing smilax,

asparagus, etc. F, fine; FF, medium; FFF,

coarse. Spool 50c.; lb. (8 spools) \$3.25.

Everbest Thread. Very similar to the

above; fast color. Spool 25c.; lb. \$1.50.

### Raffia

For tying, basket-making, and fancywork. **Natural Color.** ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

**Green.** ½lb. 60c.; lb. \$1.10; 5 lbs. \$5.00.

### Raffiatape

For tying bouquets, flower-boxes, or for any other purpose where attractive tying material is desired. Color, Nile-green. Spool of 250 yds. \$1.20; 6 spools \$7.00.

### Plant Stakes

#### No. 10, Steel Wire, Galvanized

	Doz.	100	1000
2 -ft.....	\$0 30	\$1 40	\$11 00
2½-ft.....	35	1 65	13 75
3 -ft.....	40	1 90	16 50
3½-ft.....	45	2 20	19 25
4 -ft.....	50	2 75	22 00
4½-ft.....	55	3 00	24 75
5 -ft.....	60	3 30	27 50
6 -ft.....	65	3 85	33 00

#### No. 8, Steel Wire, Galvanized

For staking American Beauty and other

strong-growing roses. Doz. 100 1000

2 -ft.....	\$0 35	\$1 85	\$14 85
2½-ft.....	40	2 20	18 15
3 -ft.....	45	2 50	22 00
3½-ft.....	50	3 00	25 85
4 -ft.....	55	3 30	29 30
4½-ft.....	60	3 85	33 00
5 -ft.....	65	4 25	36 30
6 -ft.....	80	4 95	44 00

### Green-Painted Tapering Plant Stakes

	Each	Doz.	100
1½-ft.....	\$0 04	\$0 30	\$2 00
2 -ft.....	07	55	3 50
2½-ft.....	08	75	5 00
3 -ft.....	11	1 00	6 50
3½-ft.....	12	1 25	8 25
4 -ft.....	15	1 50	9 75
5 -ft.....	17	1 80	12 75

### Green-Painted Rose or Dahlia Stakes

	Each	Doz.	100
3-ft.....	\$0 15	\$1 65	\$11 00
4-ft.....	20	2 00	13 50
5-ft.....	25	2 50	18 00
6-ft.....	30	2 85	21 00

### Ash Wood Garden Stakes

	Each	Doz.	100
3-ft.....	\$0 08	\$0 85	\$6 00
4-ft.....	12	1 25	8 00
5-ft.....	15	1 60	10 00

### Hyacinth Stakes

	1000
12-in.....	\$4 00
15-in.....	4 50

### Cane Stakes

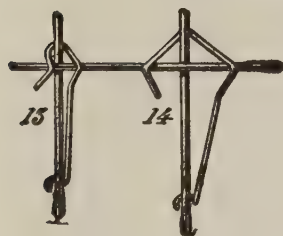
These are very attractive for all-purpose plant-staking. Thin and very strong.

	Doz.	100	1000
1½-ft., green.....	\$0 20	\$1 00	\$8 00
2 -ft., green.....	25	1 25	9 50
2½-ft., green.....	30	1 50	11 00
3 -ft., green.....	35	1 75	13 00
3½-ft., green.....	40	1 85	14 50
4 -ft., green.....	45	2 00	16 00
5 -ft., green.....	55	2 25	18 00
6 -ft., green.....	75	3 00	21 00

ALL PRICES SUBJECT TO MARKET CHANGES



## MICHELL'S GARDEN AND GREENHOUSE SUPPLIES



### Stake Fasteners

These take the place of string entirely, lasting several seasons. Used for fastening cross wires to galvanized stakes.

	Per box	Per box
	500	1000
<b>Everlasting Style.</b> Heavy....	\$2 00	\$3 50
<b>Eureka Style.</b> Light.....	1 75	3 00

### Poles (Wood)

	Each
10-ft. long, 1½-in. diam.....	\$2 00
12 ft. long, 1½-in. diam.....	2 50
14 ft. long, 1½-in. diam.....	2 75

### Bamboo Poles

Used extensively for brushing worm-casts off putting-greens; also for staking young trees.

	Each	Doz.
16 ft. long.....	\$0 60	\$4 75
18 ft. long.....	75	6 00
20 ft. long.....	85	7 50

### Lightning Wire Stake Tie

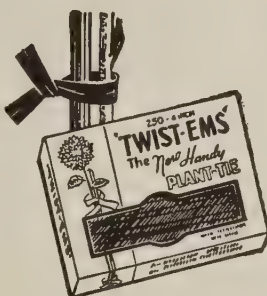


For fastening plants to stakes, either wire or wood. Can be used many times. 100, 35c.; box of 1000, \$2.00.

### Tie Your Plants with "Twist-Ems"

"Twist-ems" are dark green strong tapes with wire reinforcing that make perfect plant ties with a twist of the wrist. For plants, vines and arranging flowers.

7-in., box of 125. \$0 25



### Green Thumb Cabbage Maggot Protectors

This protector prevents the maggot fly from laying eggs at base of stem. They are excellent protection for your cabbage, cauliflower, and broccoli. Twenty-four in a package. Pkg. of 24, 10c.

### Green Thumb Cutworm Protector

Offers protection to all early-started vegetable plants such as cabbage, cauliflower, broccoli, peppers, eggplant, and tomatoes. Twelve in a package. Pkg. of 50, 20c.

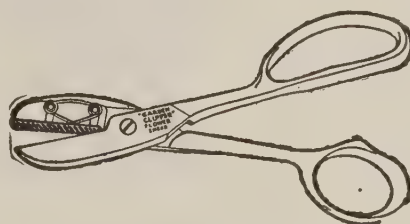
### Train-etts

New weatherized trellis netting. Ideal support for sweet peas, garden peas, pole beans, cucumbers, tomatoes. Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) *Doesn't rot like string—lasts several seasons.* In 3 sizes: No. 1, 60 x 72 in., 39c.; No. 2, 60 x 96 in., 49c.; No. 3, 60 x 180 in., 69c., postpaid.



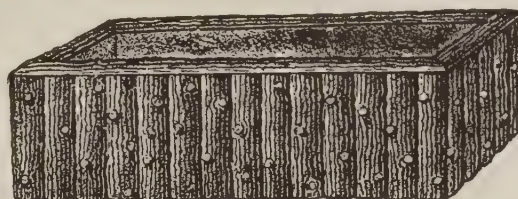
### Florists Shears

<b>No. 833.</b> 7½-in. Used for cut-flower wire, etc.....	\$1 75
<b>No. 832.</b> 8-in. Used for cut-flower wire, etc.....	1 75
<b>No. 12.</b> 8-in. For heavy wire and tin....	2 00
<b>No. 10.</b> 10-in. For heavy wire and tin..	2 50



### Eversharp Flower Shears

**No. 1248.** A wonderful help for cutting and gathering flowers. Snips and holds in one motion. Handy for picking flowers that are hard to reach. Price, \$1.00.



Rustic Window-Box

### Window-Boxes

**Wooden, Rustic Bark Style.** Attractively made and neatly finished. For indoor or outdoor use.

	Depth	Width	Price
	Outside	Outside	
24 in.....	7½ in.	11 in.	\$2 25
30 in.....	7½ in.	11 in.	2 75
36 in.....	7½ in.	11 in.	3 25

Any length made to order, \$1.75 per running foot, 11 inches wide.

### Plain Wood Style

(Painted Green)

We recommend these for use at the temporary summer home in the country or at the seashore, or in cases where one may not feel like spending a larger amount than these entail.

	Depth	Width	Price
	Outside	Outside	
24 in.....	6½ in.	8 in.	\$2 00
30 in.....	6½ in.	8 in.	2 25
36 in.....	6½ in.	8 in.	2 75

Any length made to order, \$1.00 per running foot, 8 inches wide.

### Cut-Flower Boxes

	Doz.	100
21 x 5 x 3 in.....	\$0 90	\$6 50
24 x 5 x 3½ in.....	1 10	7 50
28 x 8 x 5 in.....	2 00	13 00
30 x 5 x 4 in.....	1 50	10 25
36 x 8 x 5 in.....	2 50	16 50

### Window and Porch-Box Paint

Weather-resisting; mixed especially for the purpose; will not fade when exposed to weather or soil conditions. Two colors only, White or Chrome-Green. Pt. \$1.00; qt. \$1.50; gal. \$5.00.

### Bark

**Rustic (Cedar).** For covering boxes, columns, or any other article.

1 sq. ft.....	\$0 15
25 sq. ft.....	2 75
Bundle of about 50 sq. ft.....	5 00

**Birch.** Lb. 50c.; 10 lbs. \$4.50.

**Cork Bark.** Sheets 1½ to 2 ft. wide, about 4 ft. in length. Lb. 50c.

### Paper for Wrapping Flowers

	Lb.	½ream	Ream
<b>Manila.</b> Heavy. 24 x 36 in.....	\$0 40	\$2 25	\$4 00
<b>Manila.</b> Tissue, 24 x 36 in.....	25	1 50	2 50
<b>White Wax.</b> 24 x 36 in.	35	1 75	3 00
<b>Green Wax.</b> 24 x 36 in.	50	2 00	3 25

### SUNDRIES

**Bulb Fibre.** Qt. 15c.; ½pk. 45c.; pk. 75c.; ½bus. \$1.25; bus. \$2.00.

**Bull Dog Clips of 1000.** For fastening packages, etc. Box 75c.

**Carnation Staples.** Wire. 1000, 50c.

**Celery Paper.** Width 36 in. 167 lineal ft. per roll. Roll \$3.25.

**Celery Tape, Fast Red.** 1000-yd. spools \$6.50.

**Celery Tape, Green.** 1000-yd. spools \$5.00.

**Charcoal.** Lump. Pk. 75c.; bus. \$1.75; bbl. sack \$2.50.

**Charcoal.** Ground. Coarse, fine, and powdered. Lb. 12c.; 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$1.75; 100 lbs. \$6.00.

**Moss.** Green Lump. Bus. \$2.50; bbl. bag \$4.00.

**Moss.** Green Sheet. Lb. 60c.; bag \$4.00.

**Moss, Sphagnum.** Dry. Bbl. bag \$2.00; large bale \$4.25.

**Moss, Sphagnum.** Live. Pk. 90c.; bus. \$3.00; bbl. \$4.50.

**Pearl Chips.** For bulb-bowls, aquariums, etc. White or colored. 1-lb. pkg. 15c.; 12 pkgs. \$1.50. In bulk, white, 10 lbs. \$1.00. Colored, 10 lbs. \$1.00.

**Peat or Leaf Mould.** Pk. 60c.; bus. \$2.00; bbl. of approximately 2 bus. \$3.50.

**Peat, Orchid.** Lb. 60c.; 5 lbs. \$2.75; 10 lbs. \$4.25.

**Pebbles.** Qt. 15c.; pk. \$1.00; 100 lbs. \$3.00.

**Pruning Compound or Tree Dressing (Fraim's).** Qt. 50c.; gal. \$1.50.

**Salt Hay.** For protection of plants and shrubs. Smallest quantity sold is a bale, which averages about 120 lbs., at 4c. per lb.; ½ton \$25.00; ton \$48.00.

**Sand.** For propagating. Qt. 10c.; pk. 40c.; 100 lbs. \$1.50; 500 lbs. \$7.00.

**Shaderine.** For shading greenhouse glass. 5 lbs. \$1.65; 10-lb. can \$3.00.

**Soil.** For potting. Qt. 10c.; ½pk. 30c.; pk. 55c.

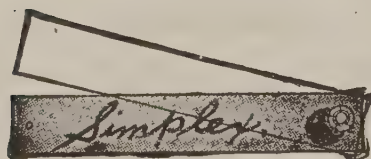
**Soil, Plain Top.** 100 lbs. \$1.75; 500 lbs. \$7.50.

**Tinfoil, Plain.** In 5- and 6-in. widths, 1-lb. pkg. 45c.; 5 lbs. \$1.75; 5-in. width in 5-lb. rolls \$1.75.

ALL PRICES SUBJECT TO MARKET CHANGES



## MICHELL'S GARDEN AND GREENHOUSE SUPPLIES



### Simplex Weather-Proof Plant Labels

The material carrying the writing is white celluloid, which is protected by a transparent cover of mica. Mark with an ordinary lead-pencil. Prices include wires for attaching.

	Doz.	100
No. 1. 3 x 1½ in.	\$0 60	\$3 00
No. 2. 4 x ¾ in.	85	5 00
No. 3. 5 x 1 in.	1 25	7 00

### Painted Labels

POT	100	1000
4-in., 5/8-in. wide.	\$0 40	\$3 00
5-in., 5/8-in. wide.	50	3 25
6-in., 5/8-in. wide.	60	4 00

### GARDEN

8-in., 7/8-in. wide.	1 10	8 50
10-in., 7/8-in. wide.	1 75	10 00
12-in., 7/8-in. wide.	2 00	13 00

### FIELD

18-in., 1¼-in. wide, not painted.	5 00	48 00
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### Tree Labels

Zinc Sheet. Wired.	Doz.	100
	\$0 40	\$2 25
Wood. Plain. 3½-in.	100	1000
Wood. Painted 3½-in.	\$0 50	\$3 00
Indelible Marking Pencils.	60	3 25
		Price, 15c.

### Celluloid Pot Labels

	Doz.	100
No. 21. 4 x 5/8 in.	\$0 40	\$2 00
No. 22. 5 x ¾ in.	60	3 00



### Perfect Garden Labels

With an ordinary lead-pencil write or print on the horizontal marking space, which remains permanently legible in all sorts of weather. The beautiful color blends with the soil, foliage, and rocks.

Border Size. 5 in. long; width of marking space, 2 in.	Doz. 100
	\$1 00 \$7 75

Rock-Garden Size. 4 in. long; width of marking space, 1¼ in.	90	6 75
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Show Garden Size. 7 in. long; width of marking space, 2½ in.	1 25	9 50
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### Simplex Green Weather-Proof Plant Labels

Easily marked with a sharp, pointed steel stylus, which cuts through to the white base.

	Doz.	100
No. 31. 3 x 1½ in.	\$0 45	\$2 50
No. 32. 4 x ¾ in.	75	4 00
No. 33. 5 x 1 in.	90	5 50

### Lawn Signs

Excellent for putting on grass plots where thoroughfare is not desired.

Iron. Painted gray, trimmed red. \$1.00 each

### "No-Gunning" Signs

Printed on heavy cardboard, with large black lettering. Size 12x13 in. Each 35c.; 6, \$1.80; doz. \$3.50.

### Adjusto Plant Support

Consists of a stake 7/8 inch square and of different lengths, as may be required, and an instantly adjustable patented loop of 7-gauge strong spring-wire for supporter. It contains no nails, hooks, or screws.

A permanent equipment which can be used year after year.

1½ ft. high. Each	15c.; doz. \$1.50.
2 ft. high. Each	20c.; doz. \$1.50.
3 ft. high. Each	25c.; doz. \$2.50.
4 ft. high. Each	30c.; doz. \$3.00.
5 ft. high. Each	35c.; doz. \$3.40.
6 ft. high. Each	40c.; doz. \$3.75.



### Wayward Vine Guide and Support

For training and supporting Ivy, small fruiting trees and all other vines, etc., on brick, stucco, stone and cement walls without defacing. No nails—No holes.

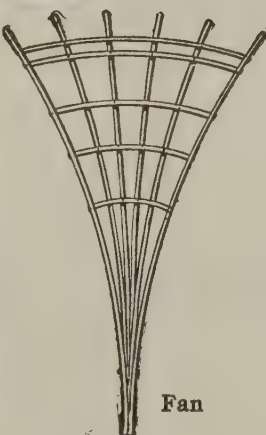
Red for Brick  
Gray for Stone  
White for Cement  
Box of 25, \$1.00.



### Timesaver Plant Support

A long-lived, low-priced adjustable Support, all metal parts being galvanized. Java end is green. Can be adjusted as to height and size of loop almost instantly, and is practically hidden by the foliage of the plant it supports.

	Doz.
No. 1. 2½-ft.	\$1 00
No. 2. 3-ft.	1 20
No. 3. 3½-ft.	1 50
No. 3A. 4-ft.	2 10
No. 4. 5-ft.	2 75



### Fan Trellis

Made of wood and painted white.

18-in.	\$0 35
24-in.	50
30-in.	65
36-in.	1 00
42-in.	1 25
48-in.	1 50
72-in.	2 50
84-in.	2 75

Fan

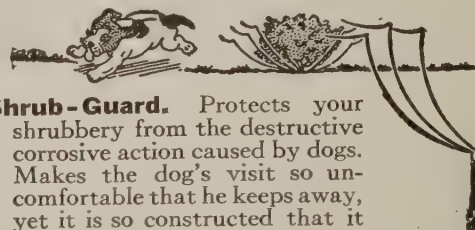
### Tree Guards

**Galvanized Wire.** Carefully made of heavy material and finished in a neat and substantial manner. Each

9-in. diam.; 6 ft. high	\$1 75
12-in. diam.; 6 ft. high	2 00

**No. 4. Iron.** Made of flat iron, finished black. Will last indefinitely with an occasional painting. 12-in. diam.; 6 ft. high. Price, \$4.50.

**Philadelphia Official Tree Guard.** Made of heavy, round iron. 12-in. diam.; 6 ft. high. Price, \$8.00.



**Shrub-Guard.** Protects your shrubbery from the destructive corrosive action caused by dogs. Makes the dog's visit so uncomfortable that he keeps away, yet it is so constructed that it will not harm the dog. The SHRUB-GARD is a unit of steel spring wires that are flexible and will not tear clothing of passersby.

Each SHRUB-GARD has three prongs and covers approximately 2½ lineal feet. Packed one dozen to a carton. Weight 2½ lbs. Price, \$2.25 per doz.

### Continuous Wire Trellis

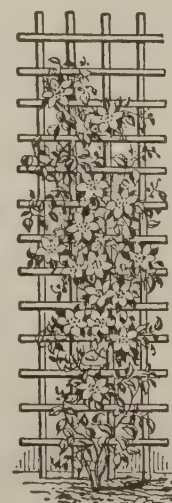
Excellent for training vines of all kinds up porch verandas, pergolas, etc. Thoroughly galvanized and well made.

Any length desired up to 165 running feet 18 in. wide. Less than 165-ft. roll, 10c. per ft. 18 in. wide. In roll lots, 165 ft., 9c. per ft. 24 in. wide. Less than 165-ft. roll, 12c. per ft. 24 in. wide. In roll lots, 165 ft., 10c. per ft.

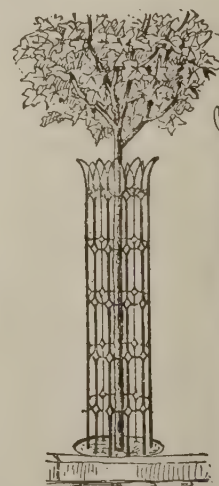
### Lattice Trellis

Made of wood and painted white.

	18 in. wide	24 in. wide
6-ft.	\$2 25	\$3 00
7-ft.	2 50	3 50
8-ft.	3 00	3 75
9-ft.	3 25	4 50
10-ft.	3 75	5 00
12-ft.	4 25	6 00



Lattice Trellis



Wire Guard Iron Guard

ALL PRICES SUBJECT TO MARKET CHANGES



## MICHELL'S GARDEN AND GREENHOUSE SUPPLIES

### Poultry Wire Netting

Price is constantly changing and is subject to market.

**No. 19.** Galvanized; 2-inch mesh; 150 running feet per bale.

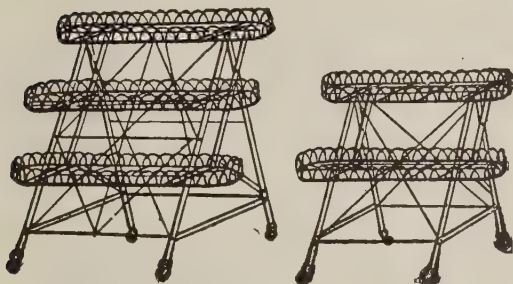
Width	Bale	Width	Bale
12 in.	\$2 50	42 in.	\$5 25
18 in.	2 75	48 in.	6 25
24 in.	3 25	60 in.	7 50
30 in.	3 75	72 in.	8 00
36 in.	4 50		

**No. 20.** Galvanized; 1-inch mesh; 150 running feet per bale.

Width	Bale	Width	Bale
12 in.	\$2 75	42 in.	\$7 00
18 in.	3 75	48 in.	8 00
24 in.	4 50	60 in.	10 00
30 in.	5 50	72 in.	11 50
36 in.	6 25		

### Staples

3/4-in., for fastening netting. Lb. 25c.



Jones Plant Stands

### Wire Plant Stands

Painted dark green and finished in bronze. Very substantial and will carry almost any weight that can be placed on them. We recommend the Jones style, as it is collapsible and takes up very little space when not in use.

	Height	Width	Depth	Price
<b>Jones.</b> 1-shelf.	27 in.	25 in.	14 in.	\$3 00
<b>Jones.</b> 2-shelf.	28 in.	30 in.	21 in.	6 00
<b>Jones.</b> 3-shelf.	36 in.	30 in.	22 in.	7 00

### Flower-Bed Fencing

For putting around beds, lawns, etc. Any length desired, up to 165 running feet.

16-in.	Less than 165-ft. roll, ft. 10c.
16-in.	In roll lots, 165 feet, ft. 8c.
22-in.	Less than 165-ft. roll, ft. 12c.
22-in.	In roll lots, 165 feet, ft. 10c.

### Basket Hooks

Thoroughly galvanized so they cannot rust.  
**Single.** 1/8 in. thick.....\$1 00  
**Double.** 1/8 in. thick.....1 25

These cannot be mailed



### Wall Nails

For fastening climbing vines. Equipped with a soft metal clasp which holds the vine against the wall.

1-in.	doz. 45c.; 100, \$2.75.
1 1/2-in.	doz. 60c.; 100, \$3.75.
2-in.	doz. 75c.; 100, \$4.50.

ALL PRICES SUBJECT TO MARKET CHANGES

### Jones Pot Bracket

**No. 1.** Holds 5-in. pot. Price, 65c.

**No. 2.** Holds 6-in. pot. Price, 75c.

**No. 3.** Holds 7-in. pot. Price, 85c.



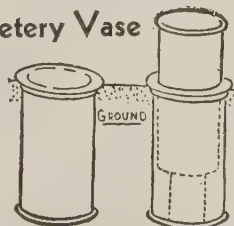
### Cemetery Vases

For holding cut-flowers on cemetery lots, etc.

**Tin.** Enameled; large; green. Price, 25c. each; doz. \$2.50.

### Ground-Level Cemetery Vase

Designed to bury in the ground. Inner cup sets up for service, turns down when not in use. Made of long-life metal. Aluminum finish. Price, \$1.25.



### Night Eye

The simple marker, inexpensive and practical, for the long driveway. Lenses mounted on both sides of clear pine stakes. Black, white or green stain. Each \$1.00.

### Reflecto Signs

For the suburban dweller requiring a house number or name sign easily distinguishable at night. The jeweled reflection buttons, set in cut-out letters, light up at night under headlight glare, spelling your name, house number or any directional marking, and are very attractive by day as well.

Available in a variety of panel styles, Reflecto Signs are made to order only, ranging upward in price from \$1.15 for one letter or numeral mounted on panel, depending on the number and size of the figures. Standard color combination is moss-green letter on natural wood.

Reflecto Letters and Numerals only (without panel) for easy attaching to any surface are available at the following prices:

2 in. or 2 3/4 in. high.....	\$0 65
3 in.....	85
4 in.....	95

### Evermark Pencils



You can read the name after months of exposure to sun and rain. For writing on all plant labels. Will not rub or wash off. 15c. each; doz. \$1.65.

### Hose Menders

	Each	Doz.
<b>Cooper's.</b> 3/4-in.	\$0 15	\$1 65
<b>Cooper's.</b> 5/8-in.	15	1 65
<b>Cooper's.</b> 1/2-in.	15	1 65

### Rubber Hose

Per ft.

<b>Gates.</b> 1/2-in.	\$0 22
<b>Gates.</b> 3/4-in. Extra quality.	24
<b>Michell's Special.</b> 1/2-in.	22
<b>Michell's Special.</b> 3/4-in.	26
<b>Tiger.</b> 5/8-in. 1-braid.	12
<b>Black Bulldog.</b> 3/4-in.	27
<b>Spray Pump Hose.</b> 3/8-in. 2-braid.	24
<b>High Pressure Hose.</b> 3/8-in.	35

All brands come in reels of 500 feet and sections in any length to that number of feet may be had.

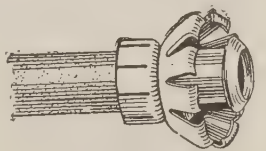
25- and 50-foot sections of Hose coupled free. Smaller sections coupled at the rate of 50c. per pair for couplings.

**Hose Washers.** 3/4-in., doz. 5c.; 1/4lb. 35c.; lb. \$1.20. 1-in., doz. 6c.; 1/4lb. 60c.; lb. \$1.85.

### Perfect Hose Menders

Made entirely of brass, with swivel motion—no band required.

For 1/2-in. and 3/4-in. hose. Price, each 15c.; doz. \$1.20.

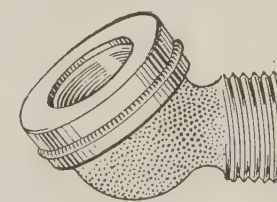


### Hydrant Attachments

For attaching hose to smooth faucets.

**No. 2.** For small spigot. Price, \$1.00.

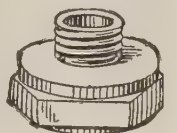
**No. 3.** For large or standard spigot. Price, \$1.00.



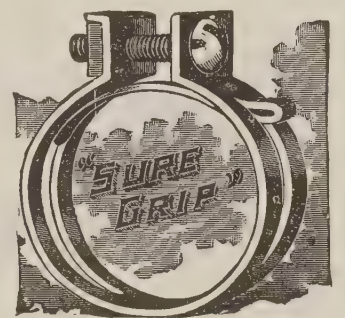
### Hose Reducers

For reducing 1-in. pipe to fit regular 3/4-in. hose. Price, 50c.

For reducing 3/4-in. pipe to fit 3/8-in. hose. Price, 90c.



Caldwell Band as applied to Hose



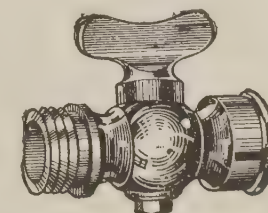
### Hose Bands

**Caldwell's.** For fastening couplings and menders. Doz. Gross

<b>No. 8.</b> For 4-ply hose.....	\$0 50	\$5 00
<b>No. 6.</b> For 3-ply hose.....	50	5 00

**Pliers** for above, pair 40c.

**Sure Grip.** Can be furnished in 1/2-in., 5/8-in. and 3/4-in. Either size, each 5c.; doz. 50c.



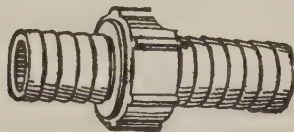
### Shut-Off Connection

Cast brass, polished; 3/4-in. male thread on one end; 3/4-in. female thread on other end. Price, \$1.50.



## MICHELL'S DUSTERS AND SPRINKLER ACCESSORIES

### Hose Couplings



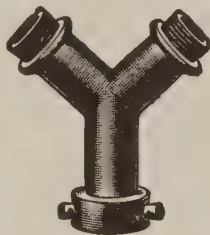
	Pair	Doz.
Plain Brass. 1/2-in.	\$0 40	\$4 50
Plain Brass. 3/8-in.	40	4 50
Plain Brass. 1/4-in.	40	4 50

**Evertight Hose Coupling.** 85c. each.

**Perfect.** Equipped with a clamp on the male and female part for securing to the hose; no band required. For 1/2-in. and 3/4-in. hose (mention which is wanted when ordering). Pair 40c.; doz. \$4.00.

### Siamese Hose Connection

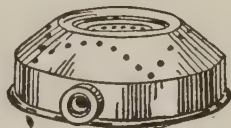
**No. 68.** This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. It is specially adapted for lawn sprinkling. Price, \$1.50.



**Easy Go Couplings. Menders. Nozzles.**

### Baby Ring

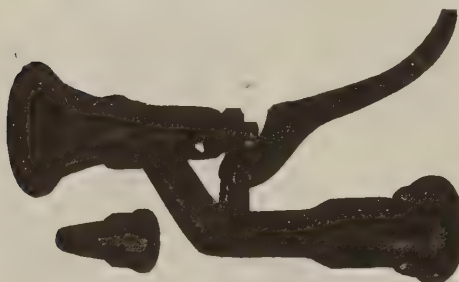
Height, 2 in. Price, 80c.



### Spray Nozzles (3/8-in. Thread)

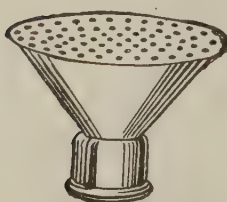
Mistry, Jr. Straight style.....	\$1 25
Mistry, Jr. Elbow style.....	1 25
Y Connection. For making a double spray-head Nozzle.....	60
Bordeaux Nozzle.....	1 25

If Nozzles are wanted for 1/4-in. hose connections, add 70c. to above prices.



### Aquamatic Hose Nozzle

A high-grade water-control, opening and closing automatically, by slightly pressing lever with the fingers. A positive, quick shut-off. Made of heavy cast brass. Price, \$3.75. Complete with spray rose and solid stream nozzle.



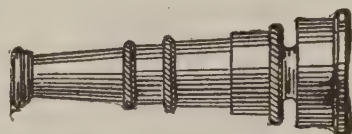
### Greenhouse Spray Nozzle

(for 3/4-in. hose)

**Light Copper.** Price, \$2.25.

**Heavy Brass.** Price, \$1.50.

### Gem Pattern Hose Nozzle



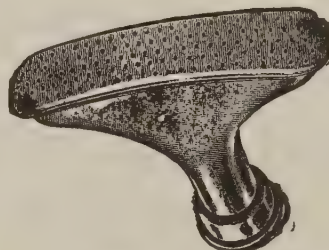
(For 3/4-in. Hose)

Can be regulated to give mist spray or solid stream. Price \$1.25.

### Champion Nozzle

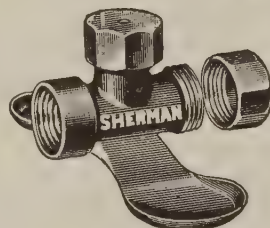


A dandy Nozzle for greenhouse use. Makes a spray or a solid stream; easily adjusted. Price, 75c.



### Flaring Rose Sprinkler

Ejects a fan like spray; especially adapted for sprinkling flowers. Price, 65c.



### Sherman Portable Sprinkler

Price, 85c.

### Water Wand

Another trouble-saver for the gardener. Watering the garden becomes a real joy with "Water Wand." The long, light-weight handle enables watering the back of large flowerbeds without stepping into the soft soil or trampling delicate plants. Beautifully finished in bright cadmium. Price, \$2.50.



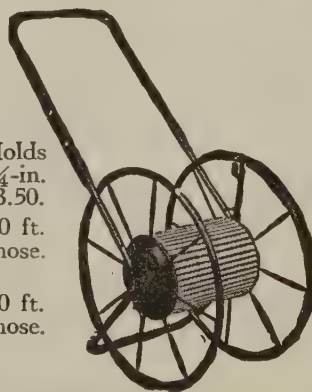
### Hose Reels

(All iron)

**Blue Bird.** Holds 100 ft. of 3/4-in. hose. Price, \$3.50.

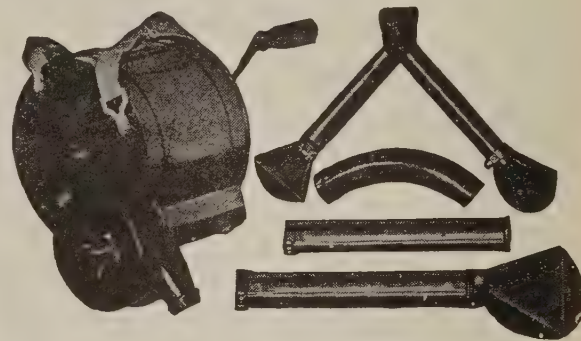
**B-10.** Holds 150 ft. of 3/4-in. hose. Price, \$6.00.

**B-30.** Holds 400 ft. of 3/4-in. hose. Price, \$11.50.



### Rubber Goggles

For protection of the eyes while working with harmful dusts and gases. Price, \$3.25.

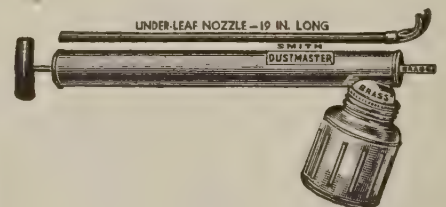


### Challenge Duster—Model C-2

This Duster is built up to the highest standard of quality. It provides a constant mechanical agitation with a positive regular feed and easy immediate control to any rate of flow desired. The operator can walk erect while dusting. Flexible Y tubes furnished as illustrated above at small additional cost. Price, \$17.00.

### No. 36D Dustmaster Powder Duster

Unusually long pump chamber for large even blast of dust with each stroke. Dusts underside of leaves on low-growing plants without stooping way over, a great advantage. Heavy, strong, flint glass dust jar screws to pump chamber. If broken, fruit or mayonnaise jar may be used. Does not litter dust when moved from one position to another. Dust is thoroughly broken up and an effective blast is produced uniformly and easily. Capacity, 25 ozs. Price, \$1.75.



### Dobbins Duster

**No. 100.** Price, \$14.00

A well-made Duster with steel-cut gears that run in oil. Revolving agitator feeding device with handy control and volume indicator. Curved adjustable body support. For dusting all low-growing crops such as beans, melons, potatoes, tomatoes, cabbage, berries, tobacco, cotton, etc. It can be used very effectively on shrubbery and small trees. Discharge equipment includes four 15-inch pipes, one branch connection, two elbows and two nozzles. Capacity, 3 to 6 lbs. This Duster can be made to discharge dust in rear of operator, by addition of No. 1208 fittings. One in carton. Weight, 14 lbs.

**No. 132.** Price, \$1.35

Highly recommended for applying the more expensive Pyrethrum, Rotenone, and Derris Root dust insecticides with economy and effectiveness. A new principle assures a uniform discharge. Equipped with 2-foot extension with patented 2-way cap for dusting top and underside of leaves. For all garden and field crops. Will handle all dust insecticides. Capacity, 1 lb. Pump; 4-in. diameter, 7 1/2-in. stroke. Equipped with Self-Lubricating Pressure Seal Valve Plunger. Powder Chamber; 3-in. diameter, 4 1/2-in. long. Furnished with 2-way dust cap perforated for dusting top of leaves and slit for underleaf dusting. 24-in. extension tube.

ALL PRICES SUBJECT TO MARKET CHANGES



With dependable equipment you are off to a good start

## MICHELL'S DUSTERS AND SPRAYERS

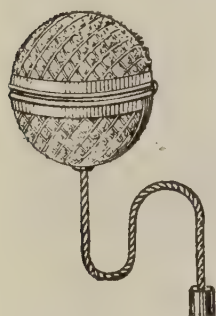


**Brown's Crystal Duster**

This new type Duster for use in either the flower or vegetable garden has the glass jar showing balance of dust therein. Equipped with a long extension and adjustable nozzle which permits dusting without bending. Capacity, 1 qt. Price, complete, \$1.75.

**Hudson Duster**

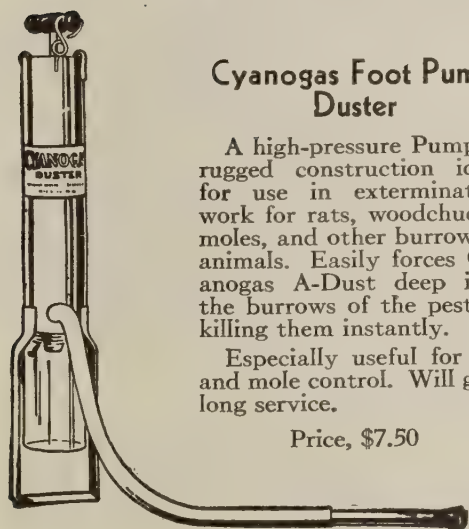
**No. 606.** Adapted for all truck farms, gardens, small orchards, and vineyards. Will handle all agricultural dusts. Made of heavy steel; gears machine-cut. Equipped with 2 nozzles, Y connection, and four 15-inch telescoping tubes, also 2 adjustable carrying-straps. Price, \$15.00.



**Asbestos Torch**

For burning out worms, caterpillars, and other tree pests. Price, 60c.

**Poles.** Hardwood, 12 ft. Price, \$2.50. Bamboo, 12 ft. Price, 50c.



**Cyanogas Foot Pump Duster**

A high-pressure Pump of rugged construction ideal for use in extermination work for rats, woodchucks, moles, and other burrowing animals. Easily forces Cyanogas A-Dust deep into the burrows of the pests—killing them instantly.

Especially useful for rat and mole control. Will give long service.

Price, \$7.50

**Myer's New Idea Knapsack**

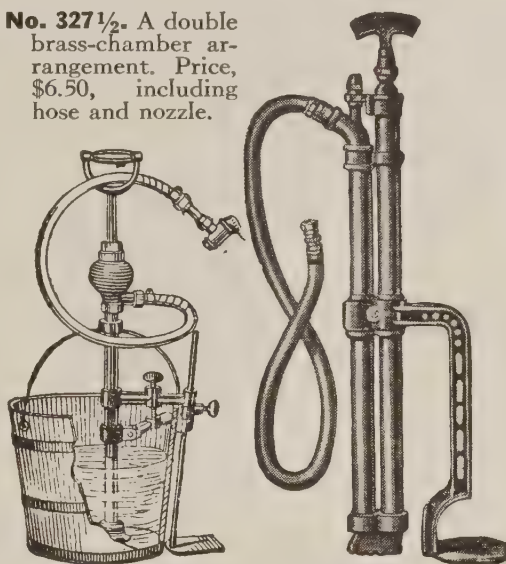


**Spray Pump**

**No. 1330. Galvanized Tank.** Capacity, 4 gals.; 1½-ft. brass extension rod. Weight, 15 lbs. Price, \$19.00.

**Myers' Bucket Pump**

**No. 327 1/2.** A double brass-chamber arrangement. Price, \$6.50, including hose and nozzle.



**Perfect Success**

**Myers' Pump**

**Bucket Spray Pump**

Made entirely of brass, except the foot-rest and hand-grip. The prices below do not include bucket, but include nozzle and 3½ ft. of 3/8-in. hose.

**No. 689. Perfect Success** (with bucket fastener). Price, \$9.50.

**Jake Buckeye Sprayer**



Tank 1-gallon capacity, constructed of heavy galvanized sheet-iron, copper riveted, with seamless brass pump which fastens to tank by thread cap and screws to brass tank collar. It is equipped with polished brass lever handle, spring key air-cock which will withstand 50-pound pressure. No washers to get out of order and no leakage. Price, \$4.00.

**Rubber Sprinklers**

8 ozs. .... \$0 80 | 14 ozs. .... \$1 25



**Heavy Brass Syringes**

No.	Diam.	Length	
101/1.	1½ in.	18 in.	1 spray..... Price
7.	1 in.	20 in.	2 sprays..... on application

**Myers' Kwikfill Compressed-Air Sprayer**

**No. 2242. Galvanized Tank.** Capacity, 4 gals. 1½-ft. brass extension rod. Weight, 13 lbs. Price, \$8.35.



**Auto Spray**

A compressed-air Sprayer with open head and strongly reinforced corrugated tank.

**No. 4-D. Steel Tank.** Capacity, 4 gals. Equipped with hose and Auto-Pop attachment. Price, \$8.50.

**No. 400-D.** A 4-gal. capacity Sprayer, electrically welded, galvanized coated, easy to fill funnel opening, automatic shut-off, with stay-open feature. Price, \$7.50.

**Auto-Pop Nozzle Attachment.** Controls the flow instantly by a pressure of the hand. When purchased separately: Plain, \$1.75 each; complete with hose, \$2.00.

**Extension Pipes, Etc.**

For reaching into trees. 3/8-in. threads.

Brass, 2 ft. ....	\$0 75
Pet Cock, for extension pipes.....	1 00
Paragon Extension, 2½ ft. ....	60

**Funnel-Top Sprayer**

**No. D250.** Electrically welded; hot galvanized coated tank; 2½-gal. capacity. Price, \$5.00.



**Michell's Hand Compressed-Air Sprayer**

This is the best Hand Sprayer ever offered. Very easily operated. Especially preferred by the ladies.

**Tin.** Price, \$1.00. **Brass.** Price, \$2.00.

ALL PRICES SUBJECT TO MARKET CHANGES



## MICHELL'S SPRAYERS AND SPRINKLERS

### Paragon Sprayers

These Sprayers are of superior quality in material and workmanship. They will not clog, therefore it is not necessary to strain the material used. Not only do they handle insecticides, fungicides and disinfectants; but also whitewash, cold water paints, etc.

**No. 0.** Capacity, 3½ gals. Equipped with 4-ft. special spray hose, 3-ft. spray pipe, and 3 nozzles. Price, \$14.00.

**No. 1.** Capacity, 6 gals. Equipped with 5-ft. special spray hose, 5-ft. spray pipe, and 3 nozzles. Price, \$19.75.



No. 3

**No. 3.** Capacity, 12 gals. Equipped with truck, 10-ft. special spray hose, 7½-ft. spray pipe, and 3 nozzles. Price, \$26.00. Without truck, \$22.00.

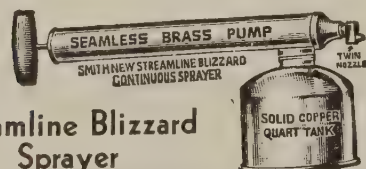
**No. 4.** Capacity, 28 gals. Equipped with truck, 20-ft. special spray hose, 10-ft. spray pipe, and 3 nozzles. Price, \$43.00.

**No. 5.** Capacity, 50 gals. Equipped with 25-ft. special spray hose, 10-ft. extension pipe, one 3-way spray nozzle, 1 single-spray nozzle; no truck. Price, \$50.00.

**Bucket Washers** for Paragon Sprayers, 25c.

#### Fittings for Paragon Sprayers

	Price
<b>No. E85.</b> 2-Way Spray	\$2 75
<b>No. B35.</b> Extension Pipes	65
<b>No. E86.</b> Y Fitting	1 10
<b>No. B7.</b> Hose Coupling, complete	1 20
<b>No. B18.</b> Strainer	1 40
<b>No. B10.</b> Female Hose Coupling	80
<b>No. B20.</b> Stop-Cock	1 10
<b>No. B24A.</b> Mist Spray Nozzle	1 00
<b>No. B22.</b> Brass Hose Bands	10
<b>Spray Pump Hose.</b> ¾-in.	22
<b>Extension Pipe</b> with bent end for Paragon Sprayers	60



Streamline Blizzard Sprayer

**No. 14C. Solid Copper Tank.** Capacity, 1½ qts. Weight, 2½ lbs. Continuous spray. Price, \$2.75.

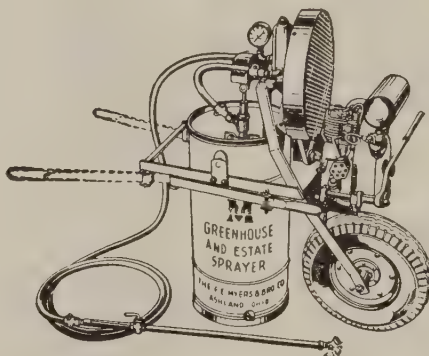
### Aprons

For protecting the clothing while watering, etc.

<b>Rubber</b>	\$3 50
<b>Blue Denim</b>	2 00

### No. 24GO Lightning Sprayer

The Open Top Sprayer has a cadmium-plated funnel and pump head, proof against rust. The funnel top screws into the tank and has a simple fool-proof device for locking pump to tank. Capacity, 3½ gallons. Galvanized only. Price, \$6.50.



### Myers Power Sprayers

The Myers power-operated Wheelbarrow-Type Sprayers have been developed to meet an insistent demand for small-capacity, light-weight, portable Power Sprayers for greenhouses, estates, golf greens, gardens, truck patches, beans, strawberries, or wherever a Sprayer of this type is desired for the efficient and economical application of spraying materials. Can also be used for white-washing.

Especially recommended for greenhouse use.

Price includes: 15 ft. of ¾-in. hose; Fig. 1283 Lever Shut-Off, Fig. 2957 Adjustable Nozzle, 18-in. Pipe Extension, and 300-lb. Pressure Gauge.

**No. 806-MGHS.** Motor-driven, with 50 ft. of cord and plug; steel wheel. Weight, 180 lbs. Price, \$92.50.

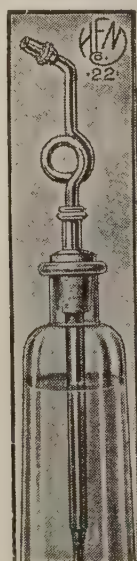
**No. 806-MGHR.** Motor-driven, with 50 ft. of cord and plug; rubber tire. Weight, 180 lbs. Price, \$102.50.

**No. 806-EGHS.** Engine-driven. Steel wheel. Weight, 182 lbs. Price, \$115.00.

**No. 806-EGHR.** Engine-driven. Rubber tire. Weight, 182 lbs. Price, \$125.00.

### Hydrospear

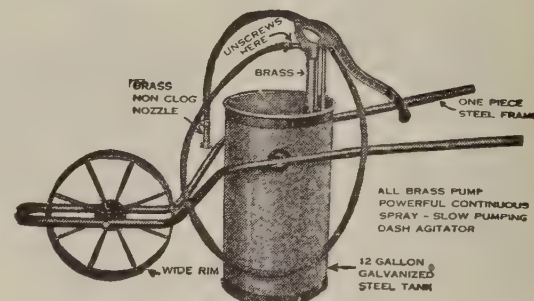
For watering all kinds of plants, trees, and shrubbery at the roots. Fine for fertilizing and applying remedies to the roots.



Screw swivel-base connection on end of hose. Grasp handle firmly and push point into ground to desired depth. Open stop-cock and allow the amount of water desired to flow to roots. Handle, stop-cock, and hose connection are brass; tube is steel, copper plated. Price, \$5.00.

### The Misto Bottle Sprayer

An ideal Sprayer for applying various insecticides to house plants. Makes a fine mist, avoiding all drip. So simple in design it will last forever; nothing to get out of order. Made of metal, nicely nickeled. Can be used in connection with almost any ordinary bottle. Guaranteed in every respect or money back. Price, with bottle, \$2.25.



### Wheelbarrow Sprayer

**No. 60.** Adapted for spraying vegetable crops, flowers, vineyards, orchards, etc.; also for spraying disinfectants or white-wash in poultry-houses or other buildings. Steel frame made in one piece; heavy galvanized tank; all-brass pump; 8-foot hose; all working parts brass; double action; continuous spray. Pump easily detached from the tank and the tank with wheel and frame used for wheeling water. Price, \$19.00.



### Soil Soaker

Like all-night rain

Water seeps through entire length gently—no spray—puts water where you want it—all soaks to the roots. Made of scientifically created, mildew-resistant canvas; one end screws to water hose, other end closed. No spray—no waste on walks, driveways, in street—no excessive evaporation. Ideal for lawns, terraces, flower and vegetable gardens.

#### 4 Home Sizes

<b>No. 0.</b> 12 ft.	\$1 40
<b>No. 1.</b> 18 ft.	1 90
<b>No. 2.</b> 30 ft.	2 90
<b>No. 3.</b> 50 ft.	4 75

### Mitchell's Wagon Heater

For heating wagons, automobiles, or delivery trucks. Efficient, durable, economical, safe. 14-in. diam., 19 in. high. Price, \$10.00.

### Coal for Wagon Heater

\$1.25 per 20 briquets; 144 bricks, \$14.40.

### Root Irrigator

For watering plants, trees and shrubbery at the roots. By simply inserting into the ground to the desired depth and opening the valve, the water is released where it does the greatest good. Complete with shut-off valve. Price, \$2.50.

### Bellows

Large, double cone	\$9 00
Large, single cone	7 50
Small, single cone	5 50
Sulphur Bellows	5 50

ALL PRICES SUBJECT TO MARKET CHANGES



Here are all types of sprinkling devices

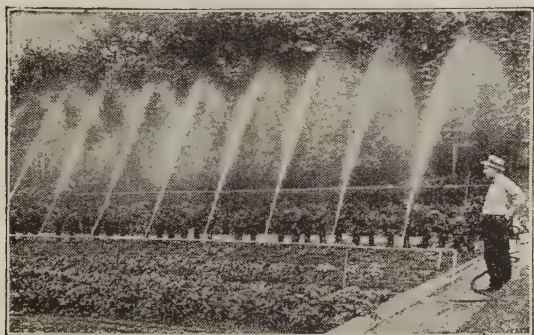
## MICHELL'S SPRAYERS AND SPRINKLERS



### As Easy as Watering Your Lawn

The Arnold Garden Hose Sprayer attaches to your garden hose in place of the regular nozzle. It consists of shut-off, cartridge chamber and extension nozzle.

<b>Arnold Garden Hose Sprayer.</b> (Chrome).....	\$4 00
<b>Arnold Garden Hose Sprayer.</b> (Brass).....	3 50
<b>Arnold Garden Hose Sprayer.</b> (All Plastic).....	1 00
<b>Chrome 36-in. Straight Extension..</b>	1 75
<b>Brass 36-in. Straight Extension...</b>	1 50
<b>Transparent Chamber and Coup- ling</b> .....	1 75
<b>Coupling Only</b> .....	75
<b>Trans. Chamber only</b> (with metal ends).....	1 25
<b>Trans. Chamber only</b> (without metal ends).....	75
<b>Box of Twelve Cartridges</b> .....	4 00
<b>Separate Cartridges</b> .....	35
<b>P-R (Pyrethrum- Rotenone)</b>	<b>Rot-O-Spray</b>
<b>Nic-O-Spray</b>	<b>Funguspray</b>
<b>Arsen-O-Spray</b>	<b>Sulph-O-Spray</b>
<b>Cryolitespray</b>	<b>Vitamin B-1</b>
<b>Pyr-O-Spray</b>	<b>Cleans. Auto Wash</b>



### Skinner System of Garden Irrigation

Line covers 50 feet wide; complete.

	Stationary	Portable
50-ft.....	\$16 50	\$18 50
100-ft.....	26 50	35 00
150-ft.....	38 00	52 00
200-ft.....	50 00	70 00

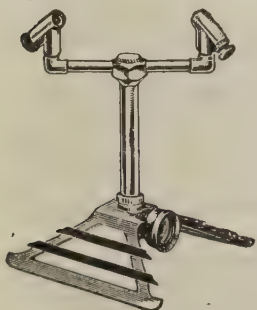
F.o.b. Factory

Prices on longer lines on request

**Posts** for above lines, 10c. per foot. Specify if lines are to be pipe- or hose-fed.

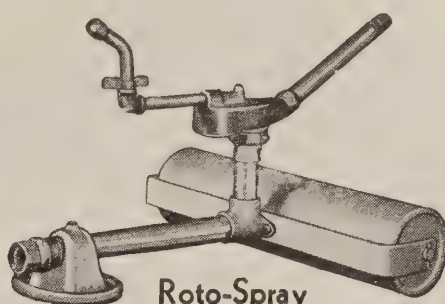
**Automatic Oscillator** for above lines, \$27.50 extra.

**Hand Turn Union** is included in above prices.



### Junior

An all-purpose lawn Sprinkler. Adjustable from a revolving to a stationary Sprinkler. Suitable for high or low pressure. Coverage 30 to 40 feet in diameter. 8 inches high. Price, \$2.75.

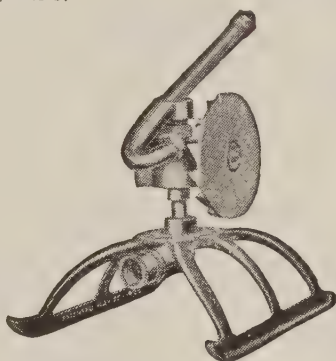


### Roto-Spray

A high-type Sprinkler for parks, golf-course fairways, cemeteries, and spacious lawns. The principle of operation is a long-throw, effective stream supplemented by a secondary spray watering the central area. Covers a circle 95 to 120 feet in diameter, depending on pressure. Made of solid brass. Price, \$17.50.

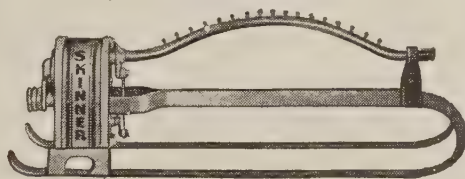
### Roto-Spray, Jr.

Same principle but of lighter construction. Price, \$14.50.



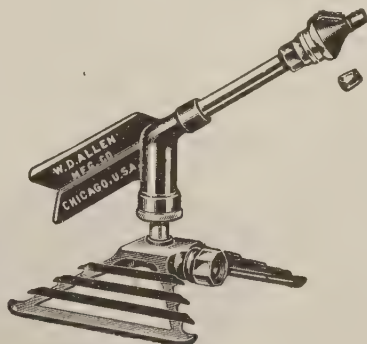
### Double Rotary Sprinkler

A favorite with country clubs for watering putting-greens. Covers a radius of 15 to 40 feet. Price, \$12.50.



### Spray-Wave Sprinkler

The ideal oscillating Sprinkler for lawn, flower-bed, rock-garden, or newly seeded plot. Adjustable. Light in weight, yet sturdy and durable. Will cover a plot 40 x 40 feet at 35 pounds' pressure. Price complete, \$19.25, for 3/4-inch hose connection.

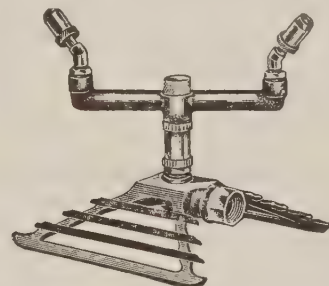


### Red Arrow

A practical Sprinkler of the rotary type, operated by means of a simple vibrating mechanism and the angle of the discharge head. Designed for use on large areas with an average water pressure, covering a circle 60 to 80 feet or more in diameter. Price, \$4.50.

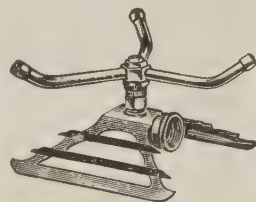
### Anaconda

A reliable and popular Sprinkler. Large, polished brass head; polished brass arms. Sprinkles a circle 32 to 34 feet in diameter. 10 5/8 inches high. Price, \$1.75.



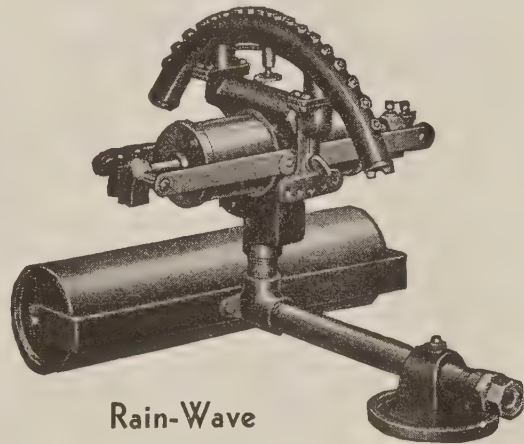
### Parkside

Suitable for high or low water pressure. Adjustable for every sprinkling condition. Sprinkles from a fine mist to a heavy shower, and will cover a circle 20 to 48 feet in diameter. Price, \$3.35.



### Zenith

Highly polished brass head and arms. Sprinkles a circle up to 32 feet in diameter. 4 inches high. Price, \$1.50.



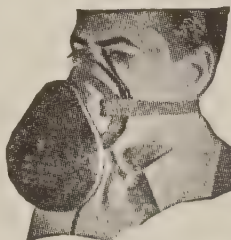
### Rain-Wave

Covers a space 50 to 60 feet square. Adjustable to one-half or one-quarter full coverage. Weight, 17 lbs. Price, \$38.50.

### Waterfan Sprinkler

The Waterfan Sprinkler embodies every worthwhile feature of lawn and garden irrigation. Fine gentle spray; even rainlike distribution. Wide coverage, dependability and durability. Price, \$16.00.

### Dupor Respirator



For protection from harmful dust and light fumes (not effective against poisonous gas). Should be worn when working with insecticidal dusts, arsenicals, and dry fertilizers. Covers nose and mouth. Price, \$3.00.



## MICHELL'S ACCESSORIES AND POULTRY SUPPLIES

	Wire	Lb.	12-lb. Stone
No. 16.	Galvanized	\$0 25	\$2 25
No. 18.	Galvanized	30	2 30
No. 19.	Galvanized	30	2 40
No. 20.	Galvanized	35	2 75
No. 22.	Galvanized	40	2 85
No. 24.	Galvanized	40	3 00
No. 16.	Annealed	20	1 95
No. 18.	Annealed	20	2 15
No. 20.	Annealed	25	2 50
No. 22.	Annealed	30	2 75
No. 24.	Annealed	35	3 00

### Cut Bouquet Wire For Stemming Flowers

Cut 9, 12, or 18 inches in length.

No.	Length	Price on application
No. 18.	18 in. only	
No. 19.	18 in. only	
No. 20.		
No. 21.	18 in. only	
No. 22.		
No. 24.		

### Cut-Flower Vases, Galvanized Iron

No.	Top Diam.	Height	Bottom Diam.	Each
65.....	7½ in.	8 in.	6½ in.	\$0 85
66.....	9 in.	10 in.	7½ in.	1 00
67.....	9 in.	11½ in.	7½ in.	1 15
68.....	9 in.	12½ in.	7½ in.	1 20
69.....	9 in.	18 in.	7½ in.	1 40
70.....	9 in.	24 in.	7½ in.	1 70
253.....	5 in.	10 in.	3¾ in.	70
254.....	5½ in.	11 in.	4½ in.	85
255.....	6½ in.	12 in.	5½ in.	90
257.....	6½ in.	15 in.	4½ in.	95

### Enjoy Growing Your Favorite Varieties Indoors

The Green Thumb Window Garden is offered in three styles.

**No. 1** contains two seed compartments, three transplant boxes, two seed starters with two seed compartments in each. Three transplant boxes with twelve transplant pots and one sub-irrigator in each. Complete set of growing instructions. Price, 75c.

**No. 2** contains one plant box, one seed starter compartment, twelve transplant pots, one sub-irrigator for self-watering, one complete set of growing instructions. Price, 15c.

**No. 3** contains one seed starter with two seed compartments, two transplant boxes with twelve transplant pots and one sub-irrigator in each, one complete set of growing instructions. Price, 30c.

The self-watering feature of the Window Sill Greenhouse ensures successful growing. Seedlings feed from the bottom up, get the correct amount of moisture, germination is increased, plant growth is stimulated.

**Green Thumb Mystic Mat** increases the growth of house plants. The Mystic Mat keeps the pot walls moist while not over-watering the plant. Without the Mystic Mat, the dry air of heated houses quickly dries out the pot walls, damaging root ends and killing or setting back the plant. Price, 10c.

**Bird Neponset Plant Bands** are efficient, convenient, and economical. They are made of specially reinforced paper, waterproofed and coated. They are excellent for use in starting plants in flats and for cut-worm guards. They are very easy to assemble and are furnished in a variety of sizes. Thirtv 2-in. Plant Bands, 20c.

ALL PRICES SUBJECT TO MARKET CHANGES

### BB Garden Flats

These are a great convenience to anyone growing plants, flowers, or vegetables from seed. Made from choice lumber and have a removable front so that the pots can be easily taken out without breaking up the soil or disturbing the roots. The 2-inch pots are suitable for most flowering plants and smaller vegetables; the 3-inch pots, for tomatoes, eggplants, cabbage, etc.

#### Prices for Flats Only

No.	Size	Capacity	Each
X1.	12¾ x 12¾ in.	36 2-in. pots	\$0 50
X3.	12¾ x 12¾ in.	16 3-in. pots	55
X118.	12¾ x 18¾ in.	54 2-in. pots	65
X318.	12¾ x 18¾ in.	24 3-in. pots	70

#### Price Complete with Pots

No. XP1.	36 2-in. or 16 3-in. pots...	\$1 00
No. XP118.	54 2-in. or 24 3-in. pots...	1 25

#### Prices on Pots Only

No. P1.	2-in.	\$0 90	1000
No. P2.	3-in.	1 35	12 00

### Special Seed Flat Soil

Treated for fungus; especially adapted for seed flats.

Qt.	\$0 15	½-bus.	\$1 25
4 qts.	50	Bus.	2 00
Pk.	75		

### Neponset Paper Pots Green—For Growing

Every grower of plants can cut the growing costs by using these Pots. They are superior to any Pot made for the actual growing of plants.

Diam.	Doz.	100	1000
2 in.	\$0 25	\$1 00	\$8 00
2¼ in.	30	1 05	8 25
2½ in.	35	1 10	8 50
3 in.	40	1 30	10 25
3½ in.	45	1 65	13 00
4 in.	50	1 90	15 00
5 in.	55	2 75	21 50
6 in.	60	3 50	28 00

### Red Paper Flower Pots

Neponset Red Pots protect against root ball breakage, prevent drying out in transit, reduce setback to plants after transplanting, provide quicker resumption of growth, allow growers to reestablish plants with less care and attention, help toward earlier maturity and harvest.

Diam.	Doz.	100	1000
2 in.	\$0 15	\$0 60	\$4 65
2¼ in.	20	65	4 75
2½ in.	25	70	5 75
3 in.	30	90	7 00
3½ in.	35	1 10	8 75
4 in.	40	1 45	11 50
5 in.	45	1 85	15 00
6 in.	50	2 25	18 00

### Rubber Saucers

Durable and waterproof. Unbreakable. Protects surfaces from dampness, scratches, and ring marks. Preserves pottery. Colors: red or green.



Size	Takes up to a	Each	Doz.
5½-in.	6-in. pot	\$0 25	\$2 50
7½-in.	8-in. pot	40	4 00
10¾-in.	12-in. pot	75	8 00
12¼-in.	for fern and palm tubs	1 10	11 50

## Poultry Supplies

Prices of Poultry Food fluctuate constantly and are subject to change.

**Barley.** Qt. 30c.  
**Bran, Wheat.** 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.25.

**Buckwheat.** Qt. 30c.  
**Cat Food (Spratt's).** Saves the labor of especially preparing food for tabby. Small carton, 15c.; large carton, 35c.

**Catnip Balls.** A plaything and tonic for your cat. Each 35c.

**Chick Food (Michell's).** 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$2.00.

**Chick Starter Food with Buttermilk (Pratt's).** 5 lbs. 40c.; 10 lbs. 80c.; 25 lbs. \$1.35.

**Corn Meal.** Special Process. 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$6.00.

**Cracked Corn.** 5 lbs. 45c.; 10 lbs. 85c.; 25 lbs. \$2.25; 100 lbs. \$7.00.

**Developing Food (Michell's).** 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$1.75.

**Grit, Fine, Medium, and Coarse.** 5 lbs. 15c.; 10 lbs. 25c.; 25 lbs. 50c.; 100 lbs. \$1.50.

**Grit (Red Cross Health).** For pigeons. 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. 85c.; 100 lbs. \$2.75.

**Hemp Seed.** Lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.85.

**Kaffir Corn.** Lb. 25c.; 10 lbs. \$2.00.

**Linseed Meal.** Lb. 30c.; 5 lbs. \$1.25.

**Mash Food (Laying Buttermilk).** 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$1.50.

**Mash Food (Growing Buttermilk).** 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$2.00.

**Millet.** Lb. 30c.; 5 lbs. \$1.25.

**Oyster Shells, Fine or Coarse.** 5 lbs. 25c.; 10 lbs. 40c.; 25 lbs. 65c.; 100 lbs. \$1.75.

**Pigeon Food.** 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.25.

**Poultry or Scratch Food (Michell's).** 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$1.75.

**Pratt's Poultry Regulator.** 24 ozs. 25c.; 4 lbs. 55c.; 12½-lb. pkg. \$1.60; 25 lbs. \$3.00; 100 lbs. \$10.00.

**Sunflower Seed.** Lb. 30c.; 3 lbs. 85c.; 5 lbs. \$1.25; 10 lbs. \$2.40.

**Bird Gravel with Charcoal.** Each 10c.; doz. \$1.00.

**Bird Gravel without Charcoal.** Each 10c.; doz. \$1.00.

**Bird Manna.** Keeps canaries in prime condition and prevents the loss of song. Pkg. 15c.

**Canary Seed.** Plain Sicily. Recleaned and of excellent quality. Lb. 25c.

**Canary Seed.** Mixed. A mixture of the finest quality and in proper proportions. Lb. 25c.; 5 lbs. \$1.10; 10 lbs. \$2.10.

**Cuttlefish Bone (Spratt's).** Good for digestion and general health. Each 10c.; ¼lb. 35c.; lb. 85c.

**Cuttlefish Bone.** With holder for fastening to cage. Each 25c.

**Fish Food (Spratt's).** Granular and wafer form. Pkg. 15c.

**Lettuce Seed.** A slight sprinkle of this is much relished by canaries. Oz. 15c.; ¼lb. 35c.; lb. \$1.00.

**Maw Seed.** Calculated to improve the song of canaries, etc. Lb. 35c.; 5 lbs. \$1.50.

**Millet Seed.** Recleaned seed; nutritious and appetizing. Lb. 30c.; 5 lbs. \$1.25; 10 lbs. \$2.00.

**Parrot Food (Spratt's).** Small pkg. 25c.; large pkg. 40c.

**Rape Seed.** Will keep the birds in excellent condition. Feed with canary seed. Lb. 25c.; 5 lbs. \$1.10; 10 lbs. \$2.10.



## POULTRY SUPPLIES AND INSECTICIDES

**Sand, Red.** Fine. For bird-cages. Pkg. 10c.; doz. pkgs. \$1.00.

**Sand, Silver.** Fine. Pkg. 10c.; doz. pkgs. \$1.00. Bulk, pk. 85c.; bus. \$2.50.

**Sand or Gravel, Silver.** Coarse. For parrots' cages. Pkg. 10c.; doz. pkgs. \$1.00. Bulk, pk. 85c.; bus. \$2.50.

**Song Restorer.** For canaries. Bottle 25c.; doz. \$2.50.

**Spratt's Sing Song.** A tonic and song restorer. Pkg. 15c.

**Sunflower Seed.** We are very large handlers of this important food for parrots. Our customers may depend on getting a very choice article. Lb. 30c.; 3 lbs. 85c.; 5 lbs. \$1.25; 10 lbs. \$2.40.

**Wild Bird Cake.** A balanced food of pure ingredients—seeds, grains, and berries selected because of food value. Each 35c.; 3 for \$1.00.

**Wild Bird Seed Mixture.** Lb. 25c.; 5 lbs. 65c.; 10 lbs. \$1.20; 25 lbs. \$2.50; 100 lbs. \$9.00.

**Prices on Bird Seed in large quantities quoted on application**

### MICHELL'S POULTRY REMEDIES, DISINFECTANTS, ETC.

**Carbola.** Paints and also disinfects. Dries white. An improvement on whitewash, combining the features of a cold-water paint and disinfectant. Will not rub or chip. Not a lime product. 5 lbs. 75c.; 10 lbs. \$1.10; 25 lbs. \$2.50; 50 lbs. \$4.00.

**Carbolineum.** A poultry-house disinfectant, louse and mite destroyer; insures absolute riddance of the pests if applied but twice a year. Excellent for preserving wood against rot and decay. In gallon cans only. Gal. \$2.00; 5 gals. \$8.00.

**Chemo.** A liquid lice killer that will not discolor the plumage of white poultry. Gal. \$2.50.

**Pratt's Disinfectant.** For dipping and spraying poultry and stock. Qt. 85c.; gal. \$2.25.

**Pine-White.** A sanitary deodorant, disinfectant and whitewash Paint for use with brush, spray or, as a dust. For use either inside or out. Dries white and stays white. Pine-White is prepared from a high-grade slaked lime, steam-distilled pine oil and other special ingredients. It has a mild pleasing odor and clean refreshing smell. Active ingredients, 60.31%. Inert ingredients, 39.69%. 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$2.25; 50 lbs. \$3.75; 100 lbs. \$7.00.

**Spratt's Dog Soap.** Entirely free from poison, and at the same time most effective in the destruction of lice and fleas. Cake, 25c.

**Sulphur Candles.** Each 25c.

**Tobacco Dust.** For dusting on roosts, nests, etc., to keep away vermin. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.75.

**Tobacco Stems.** For making nests, etc. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.50; large bales of about 250 lbs. at 3c. per lb.; ½ ton, \$20.00; ton \$35.00.

### Paper Egg Boxes (1 doz. cap.)

**Suwanee Paper Egg Cartons.** Capacity, one dozen each. Made of heavy cardboard. Doz. 30c.; 25, 50c.; 100, \$1.75; 1000, \$16.00.

**Eagle Style.** Light-weight cardboard. Doz. 25c.; 25, 40c.; 100, \$1.10; 1000, \$10.00.

### Farm Brood Coop

A big, roomy Coop, not painted. It is 21 inches wide, 22 inches from front to back, 22 inches high in front, 14 inches high in back. Then there is a wire run 38 x 21 x 16 inches. Price, complete, \$9.00.

### Salt Bricks

For dairy cows, horses, and other animals. Essential to general good health in stables. Fastened on the wall it is accessible at all times and remains clean. Brick, 25c.; doz. \$2.75.

**Salt Brick Holders.** Each 65c.

### Spratt's Dog Cakes

**Spix.** A bone-sized biscuit for small breeds. 5 lbs. \$1.00.

**Ovals.** A miniature biscuit for small breeds. 5 lbs. \$1.00.

**Fibo.** A granulated food. 5 lbs. \$1.00.

### Weed-Knell

Weed-Knell a safe, practical and weed-destroying compound especially adapted for home use. Only one application of Weed-Knell is required to permanently destroy dandelions and other weeds. ½ gal. \$1.45; gal. \$2.35.

### Michell's Weed Killer

Positively destroys every kind of weed and vegetation wherever applied. One application is usually required yearly; add 40 gallons of water to one gallon of Weed Killer, then sprinkle the solution upon the vegetation you wish destroyed.

Just the thing for driveways, clay tennis courts, baseball diamonds, drives and walks where you want no weeds.

Weed Killer cannot be used in the garden, flower-beds or on the lawn where you want to grow plants and grass.

One gallon will cover 150 sq. yds.; can be applied any time.

Qt. 50c.; gal. \$1.50; 5 gals. \$6.50; 30 gals. \$32.00; 55 gals. \$46.75.

### Adco Weed Killer

By the use of Adco Weed Killer it is possible to eliminate moss and weeds, such as dandelions, plantains, chickweed, docks, ground ivy, creeping buttercup, foxtail, heal-all, sheep sorrel, spotted spurge, yarrow, yellow trefoil, etc., with great benefit to the grass and lasting improvement in the lawn. 3 lbs. \$1.00; 25 lbs. \$4.00.

### DuPont Ammate Weed Killer

Ammate is not considered poisonous and may be used safely on weed-infested areas without danger to livestock and humans. It is entirely free from fire or explosion hazards and actually has inherent fire-retardant properties.

Ammate usually exerts only temporary soil-sterilizing effects, varying with the soil. Treated areas may often be used for growing crops during the same season.

2-lb. size 75c.; 6-lb. size \$1.80

**WEEDONE** is recommended for killing poison ivy, poison oak, bindweed or wild morning-glory, Japanese honeysuckle, sassafras, black locust, and wild or choke cherry. It will also kill many other weeds under favorable conditions. 6-oz. bottle, \$1.00, 1-qt. bottle \$3.00, 1-gal. bottle \$10.00.

### Alfco Crabgrass Killer

An amazing new discovery that effectively kills crabgrass and weeds in the lawn **without** destroying permanent lawn grasses. Sprayed on infested areas during September, Alfco will destroy both the plant and the seeds, checking reinfestation next year. One pound will treat 2000 to 4000 square feet. Lb. \$1.50; 2 lbs. \$2.50; 10 lbs. \$8.00.

### Atlacide

#### NON-POISONOUS WEED KILLER

Atlacide is a fine powder which easily and completely dissolves in water. It has no odor and is harmless to the hands, effective in killing poison ivy and all troublesome weeds on driveways, athletic fields, tennis courts, etc. **Atlacide will damage all kinds of living vegetation** on which it is sprayed. It is not recommended for killing weeds on lawns, or between rows of vegetables or around valuable trees or shrubs. Complete instructions on each can.

5-lb. tin (kills 500 sq. ft. of weeds)...	\$1 50
15-lb. tin (kills 1500 sq. ft. of weeds)...	3 50
50-lb. drum (kills 5000 sq. ft. of weeds).....	8 50
100-lb. drum (kills 10,000 sq. ft. of weeds).....	14 00

### Solvay (Calcium Chloride)

**For Preventing Dust on Driveways and Tennis Courts**

An ideal dust-layer and binder for all gravel and dirt surfaces. The clean, white, odorless flakes are easy to use. Solvay kills weeds and prevents their regrowth.

Use about 2 pounds per square yard, broadcast over the surface. 100 lbs. \$3.50.

### Insect Destroyers

**Ant Traps, Thallate (Tat).** Each 25c.

**Magikil Jelly.** New and very effective ant-control; also used to eliminate roaches, rats, and mice. 1-oz. tube 35c.; 8-oz. tube, \$1.75.

**Aphine.** A contact insecticide, nicotine base, for destroying aphids, green and white fly, thrip, etc. Dilution 1 to 30. Qt. \$1.10; gal. \$3.25.

**Arasan.** A disinfectant used in treating seeds before planting. It checks seed-decay, certain seed-borne diseases, reduces damping-off on seedlings of certain vegetables—corn and peanuts. 1-oz. pkg. 16c.; 8 ozs. 80c.; 4 lbs. \$5.16; 25 lbs. \$30.00; 100 lbs. \$115.00.

**Arsenate of Lead, Powder.** Affords complete protection against the ravages of any chewing insect on foliage, flower, or fruit, without injury to the most delicate plant-life. Lb. 40c.; 4 lbs. \$1.00; 24 lbs. \$5.00; 96 lbs. \$18.00.

**Arsenate of Calcium.** Effective as a dust or spray in control of chewing insects on most vegetable crops, beans excepted. Lb. 30c.; 4 lbs. 75c.; 24 lbs. \$4.00.

**Astogen.** A safe, effective remedy for root aphids, cutworms, and other soil insects affecting asters and similar plants. 2 lbs. 75c.; 5 lbs. \$1.50.

**ALL PRICES SUBJECT TO MARKET CHANGES**



## MICHELL'S INSECTICIDES

**Black-Leaf 40.** A solution of nicotine sulphate. An excellent spray for destroying sucking insects on vegetables, flowers and plants. Effective in delousing livestock. Dilution 1 to 800. Oz. 36c.; 5 ozs. \$1.05; lb. \$2.50; 2 lbs. \$3.70; 5 lbs. \$6.90; 10 lbs. \$11.65; 50-lbs. \$47.00.

**Bordeaux Mixture 12 3/4% Copper** (Powder.) A copper sulphate and lime mixture for the control of fungous diseases (blight, rust, wilt, and mildew) on vegetables, flowers, fruit and shade trees. Lb. 35c.; 4 lbs. \$1.00; 24 lbs. \$5.00; 48 lbs. \$9.50; 96 lbs. \$18.00.

**Bug Death.** Contains Natural Nicotine, Rotenone and Sulphur. It is effective on all vegetable crops; also controls leaf-hoppers and Mexican bean beetles. Lb. 35c.; 5 lbs. \$1.25.

**Carbolineum.** A germicide and disinfectant for purifying poultry-houses, stables, etc. Gal. \$2.00; 5 gals. \$8.00.

**Cattle Fly Spray.** Kills flies by contact. Will not stain or mat hair. Gal. \$2.00; 5 gals. \$9.00.

**Ceresan (DuBay).** 2 per cent. A dust disinfectant for cotton, flax, millet, peas, and narcissus. 1-lb. can 75c.; 4 3/4 lbs. \$3.14; 25 lbs. \$14.50; 100 lbs. \$52.00.

**Ceresan, New Improved (DuBay).** A dust-disinfectant for wheat, oats, and barley. 4-oz. can 30c.; lb. 80c.; 4 lbs. \$2.70; 8 lbs. \$5.40; 25 lbs. \$15.00; 100 lbs. \$55.00.

### Chaperone

Protect your garden from damage by dogs. Not dissolved by rain. One application usually lasts from two to three weeks. 4 ozs. 50c.; 12 ozs. \$1.00.

**Cuprinol.** Cuprinol-treated wood may be painted, varnished, waxed, or finished in any other way, although it protects equally well whether painted or left unpainted. Excellent for treating wood in greenhouses, forcing frames, plant boxes, posts, etc. Qt. 85c.; gal. \$3.00; 5 gals. \$15.00.

**Copper Solution.** An excellent fungicide for the control of mildew, black-spot, leaf-blight, rust, and other fungous diseases attacking fruit and flowers. Dilution 1 to 80. Pt. 85c.; qt. \$1.50; gal. \$5.00; 5 gals. \$22.50.

**Copper-Rotenone.** 0.75% rotenone. An insecticide and fungicide composed of rotenone combined with neutral copper for controlling many insects in flower and vegetable gardens, also fungous diseases responding best to copper treatment. Lb. 50c.; 5 lbs. \$1.75.

**Corn Fume.** You use it once—and the job is done. Corn Fume utilizes ingredients which have given excellent results in corn earworm control. Especially designed pump used for Corn Fume gives exact quantity needed for the proper application. One shot does the work. Does not affect the flavor of the corn when used as directed. Non-poisonous to humans and animals when used for corn earworm control. 1/2 pt. 60c.; full pt. 95c. Pump and 1/2-pt. combination \$1.50.

**Cyanogas (Calcium Cyanide). G. Fumigant.** The gas is exceedingly penetrating and easily kills breathing insects in any space where the gas can be confined. Destroys aphids, white fly, soft scale, thrips, etc. 5 lbs. \$3.00; 25 lbs. \$10.00; 100 lbs. \$25.00. Descriptive circular free.

**Cyanogas (Calcium Cyanide). A-Dust.** For killing rats, moles, woodchucks, and other rodents. 1/2 lb. 45c.; lb. 75c.; 5 lbs. \$3.00; 25 lbs. \$10.00; 100 lbs. \$25.00.

### Cyanogas Ant-Killer

Ants are killed instantly in their nests. Don't use Cyanogas Ant-Killer indoors. 4-oz. can 30c.

**Deenate 25W** (Du Pont). Wetttable powder containing 25% D.D.T. For use on agricultural crops, farm animals and farm buildings. 4-lb. bag \$2.25; 100-lb. drum \$50.00.

**Deenate 50W** is used for the same purposes but it is cheaper and more economical than Deenate 25%. It leaves far less residue than the 25% solution. Lb. \$1.10; 4 lbs. \$4.00; 25 lbs. \$23.75; 100 lbs. \$90.00.

**Dogzoff.** If you are bothered with dogs, cats, or rabbits, "Dogzoff" is the spray you need. 4-oz. bottle 60c.; pt. \$2.50; qt. \$4.00.

**Dutox.** A non-arsenical insecticide for control of most beetles and other leaf-eating insects. Lb. 40c.; 6 lbs. \$1.75.

**Fermate.** Effective for diseases on apples, pears, sweet cherries, celery, tomato. Also for black-spot on roses, septoria leaf spot on chrysanthemums, and snapdragon rust. Lb. 80c.; 25-lb. drum \$18.00.

### Fish-Oil Soap (Good's)

**Number One.** A semi-solid Soda Fish-Oil Soap, very effective against scale and soft-bodied sucking insects. Lb. 35c.; 5 lbs. \$1.35; 10 lbs. \$2.50; 25 lbs. \$4.50; 50 lbs. \$7.00; 100 lbs. \$12.00.

**Number Three.** A soft Potash Fish-Oil Soap, excellent as an emulsifier in the preparation of oil sprays, and as a spreader and liberator with Nicotine or Arsenate of Lead. Lb. 35c.; 5 lbs. \$1.35; 10 lbs. \$2.50; 25 lbs. \$4.50; 50 lbs. \$7.00; 100 lbs. \$12.00.

**Number Nine (Rosin).** A spreader and sticker in combination with chemical sprays on vegetable, fruit, and berry crops. Especially recommended for the destruction of boxwood maggot. Dilution, 1 pound to 50 gallons. 5 lbs. \$1.50; 10 lbs. \$3.00; 25 lbs. \$5.25; 50 lbs. \$9.00; 100 lbs. \$15.00.

**Formicide.** A stabilized formaldehyde dust, triple strength, seed- and soil-disinfectant used as a control of damping-off. 1/2 lb. 50c.; lb. 85c.; 5 lbs. \$2.50; 25 lbs. \$10.00; 50 lbs. \$17.50; 100 lbs. \$30.00.

**Fume Tox.** Recommended for the protection of vegetables, also plants, from destruction by rabbits and other animals of similar habits. 10 ozs. 60c.; 20 ozs. \$1.00.

**Fungtrogen.** Fungicide fertilizer. Invisible on foliage and blooms, it is an effective preventive and remedy for mildew, black-spot and other fungous diseases of roses, hollyhocks, snapdragons, phlox, sweet peas, carnations, etc. 1/2 pt. 75c.; pt. \$1.25; qt. \$2.00; 1/2 gal. \$3.50; gal. \$6.00.

**Grape and Rose Dust.** A fungicidal dust, safe to use on any vegetable or flowering plants, against mildew, black-spot, and other fungous diseases. 5 lbs. \$1.25; 25 lbs. \$6.25; 100 lbs. \$22.00.

**Hydroxide.** (Bordeaux arsenical). Potato spray. Controls leaf-eating insects and blight on potatoes, tomatoes, vegetables, and small fruits. Lb. 40c., 4 lbs. \$1.00.

ALL PRICES SUBJECT TO MARKET CHANGES

**Kerosene Emulsion (Liquid Miscible Oil).** Diluted in water this makes an excellent spray for all mild forms of scale. Dilutes 1 part to 10 parts of water. Qt. 75c.; gal. \$1.75; 5 gals. \$6.00.

**Killogen.** A contact spray. Controls insects in the garden, greenhouse, window boxes, and on evergreens. Such insects as plant lice (aphids), ants, slug worms, thrips, white fly, leaf hoppers, rose chafers, chrysanthemum midge, rose, aster and chrysanthemum beetles and lace-winged fly. 2 1/2 ozs. 50c.

**Kryocide.** Insures protection for vegetables and fruit trees. Simply apply as a dust or spray. Lb. 35c.; 4 lbs. 85c.

**Lemon Oil.** A standard insecticide recommended for destroying thrip, aphids, mealy bug, etc. 1/2 pt. 35c.; pt. 60c.; qt. \$1.00; 1/2 gal. \$1.75; gal. \$3.00; 5-gal. keg \$12.00.

**Lime-Sulphur.** Dry. For effective control of San Jose scale, apple and pear scab, peach-leaf curl, and cherry leaf-spot. Lb. 35c.; 5 lbs. \$1.60; 25 lbs. \$4.75; 100 lbs. \$16.00.

**Lime-Sulphur Solution.** A concentrated liquid form of this widely used insecticide and fungicide for spraying fruit trees. Qt. 50c.; gal. \$1.00; 5 gals. \$4.00; 30-gal. bbl. \$10.50; 50-gal. bbl. \$14.00.

**Molasses, Black.** A crude grade of molasses, highly favored as a sticker. Gal. \$1.25; 5 gals. \$5.00.

**Mo-Lo Tablets.** When placed at intervals in the runs, these are very effective in destroying and driving away moles. Pkg. 25c.

**Mouse Seed.** Safer and more convenient than paste or traps. Ready to use. No bait required. Pkg. 25c.

**Molgen.** An odorless powder that eliminates moles from the lawn in two or three days. Safe to use even where pets are kept. 1/2-lb. can 50c.; 1 1/2-lb. can \$1.25; 5-lb. can \$4.00.

**Naphtha Flakes.** Will control thrips, sow-bugs, and other earth vermin. Lb. 30c.; 10 lbs. \$2.30; 25 lbs. \$5.50; 50 lbs. \$10.50.

### Nico-Fume Liquid

A powerful and highly refined nicotine solution that has the twofold advantage of being adaptable either for spraying or for fumigating purposes.

Lb. \$2.75; 4 lbs. \$7.35; 8 lbs. \$13.00; 40-lb. drum \$56.50.

### Nico-Fume Pressure Fumigator

Advantageous to greenhouse owners because fumigation reaches every leaf and bud, and requires less time and labor than does spraying.

1/2-lb. size 55c.; case lots of 1 doz. \$4.95.

1-lb. size, 85c.; case lots of 1 doz. \$8.65.

**Nico-Fume Pressure Fumigator Holders** for hand-directed fumigation with the Pressure Fumigator. Each \$1.00.

**Nicotine Pyrox.** It kills both chewing and sucking insects, prevents blight and fungous diseases. 17.6 ozs. 60c.; 5 lbs. \$2.00.

**No Pest, fortified with D.D.T.** Effective in its control of weevils, slugs, snails, and other leaf-eating insects. Garden size 25c.; 1/2-acre size \$15.00.

**No-Py-Ro.** A more effective control of red spiders, aphids, thrips and mealy bugs. No-Py-Ro contains sufficient wetting agents to give excellent coverage of insects and plants and will mix readily with hard or soft water. Qt. \$3.75; gal. \$12.00.



## MICHELL'S INSECTICIDES

**Para-Dichlorobenzene (PTB).** The most effective remedy for the peach tree borer. 1 ounce per tree. 1-lb. can 50c.; 5-lb. can \$2.00; 25-lb. keg \$9.50.

**Paris Green.** A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. 1/4 lb. 25c.; lb. 60c.; 4 lbs. \$2.25; 14 lbs. \$6.75.

**Pomo-Green with Nicotine.** A leaf-green material which can be used as a spray or dust, and which affords complete protection against black-spot, mildew, leaf-eating insects and aphids. 1 pound makes 4 gallons of spray. Lb. 80c.; 5 lbs. \$3.30.

**Pomo-Green without Nicotine.** Used as a dust only to control plant diseases and leaf-eating insects. 1-lb. can 55c.; 5-lb. carton, \$1.85.

**Pyrox (Bowker's).** A combined insecticide and fungicide for all leaf-eating insects, blights, and fungus troubles. Especially recommended for potatoes. Mix Pyrox with water and spray. The material sticks to the leaves even through the hardest rains. 25 lbs. \$5.75; 50 lbs. \$8.35; 300 lbs. \$34.50.

**Rabbit Chaser, Lag's.** Spray on plants and vegetables to repel rabbits. Will not burn or harm plants or rabbits. 4-oz. bottle, with directions, 50c.

**Rat Paste (Zelio).** The most efficient poison for destroying rats, mice, and other rodents. 2-oz. tube 65c.

**Red Arrow Insect Spray (Pyrethrum Soap).** A safe, efficient insecticide for use against sucking and chewing insects. 1-oz. bottle 35c.; 1/4 pt. \$1.00; qt. \$5.00; gal. \$17.00; 5-gal. can \$77.50.

**Rosul Dust.** For the safe control of Mexican bean beetles and other insect destroyers of garden crops. Apply the dust as the insect first appears and continue at two-weeks' intervals. Lb. 35c.; 5 lbs. \$1.25.

**Rotenone Dust (75%).** An economical dust containing 75/100 per cent of Rotenone, one of the most effective contact insecticides. Controls many types of beetles and worms attacking vegetable crops. 1-lb. canister 35c.; 5 lbs. \$1.25; 50 lbs. \$10.00.

**Scalecide,** diluted 1 gallon to 15 gallons of water, may be used on any kind of fruit or shade tree that drops its foliage in winter. Qt. 75c.; gal. \$1.75; 5 gals. \$6.35; 10 gals. \$10.90; 30 gals. \$23.75; 50 gals. \$36.00.

**Scale Oil.** For dormant spraying of fruit trees and ornamentals. Dilution: 1 to 15. Qt. 75c.; gal. \$1.75; 5 gals. \$6.00; 30 gals. \$23.50; 50 gals. \$32.50.

**Selocide.** A powerful contact killing agent which will kill from 90 to 100 per cent of red spiders in one application. Dilution: 1 to 200. Gal. \$3.50; 5 gals. \$16.75.

### Semesan

#### For Flower and Vegetable Seeds, also for Lawns

Semesan may be applied in dust or liquid form to the seed before planting. One ounce treats 15 pounds of seed. Effective in controlling damping-off and such devastating gladiolus diseases as hard rot and scab. Also the most effective means of controlling brown patch which attacks the turf of golf-courses, tennis courts and lawns. 1/2 oz. 10c.; 2 ozs. 40c.; 12 ozs. \$1.88; 4 lbs. \$9.10; 25 lbs. \$52.50; 100 lbs. \$198.00.

ALL PRICES SUBJECT TO MARKET  
CHANGES

**Semesan Bel, New Improved.** (DuBay.) For treating seed potatoes before planting. One pound treats 60 to 80 bushels of seed. 2 ozs. 30c.; lb. \$1.65; 4 lbs. \$5.70; 25 lbs. \$33.25; 100 lbs. \$125.00.

**Semesan Jr., New Improved.** (DuBay.) For controlling seed-borne diseases of seed, field and sweet corn. 1 1/2-oz. pkg. 15c.; 12-oz. can 56c.; 6 1/4 lbs. \$3.75; 25 lbs. \$12.50; 100 lbs. \$45.00.

### Slug Shot

A standard and safe dust which kills beetles, weevils, worms, and leaf-eating insects on vegetable and flowering plants. 1-lb. carton 25c.; 5 lbs. \$1.00; 25 lbs. \$4.75; 125-lb. keg, with a duster \$20.00.

**Soap, C. P. O.** A liquid soap-spreader with a distinct insecticidal value of its own. Dilution: 1 to 50. 3-oz. bottle 25c.; pt. 85c.; qt. \$1.50; gal. \$3.50; 5 gals. \$12.00.

### Grasselli Spreader

This is a combined spreading, sticking, and wetting agent, designed especially for use with agricultural sprays. Pt. 75c.; gal. \$4.95; 5 gals. \$23.00.

**Sperguson.** The first non-metallic organic chemical fungicide ever developed for prevention of seed decay and damping-off. It stimulates growth. It is safe to use and is compatible with legume bacteria on many seeds in many soils. 2 ozs. 35c.

### Spor-Go

Spor-Go is a copper mildew spray powder which contains twice as much copper as commercial Bordeaux Mixture. It controls blight and leaf-spot on potatoes, tomatoes, beans, cucumbers, and grapes and many other plants. One ounce makes 2 1/2 gallons of finished spray. It also is used as a dormant application on bramble fruits such as raspberries, etc. 1-lb. canister \$1.00; 4-lb. bag \$3.00.

**Sulphate of Aluminum.** Used in conjunction with Hydrated Lime, this material makes a safe and excellent repellent for Japanese and Asiatic beetles. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 100 lbs. \$4.00; 200 lbs. \$7.50.

**Sulphate of Copper.** A basic fungicide used in making Bordeaux Mixture, or alone to control various fungous diseases. Lb. 25c.; 5 lbs. \$1.00; 10 lbs. \$1.85; 25 lbs. \$4.50; 100 lbs. \$15.00.

**Sulphur, Flowers of.** A high-grade form of this standard fungicide and fumigant, adapted for either dusting or burning. Lb. 20c.; 5 lbs. 75c.; 10 lbs. \$1.40; 25 lbs. \$2.75; 100 lbs. \$8.50.

**Sulphur, Wettable (Dritomic).** It wets immediately upon being placed in water and will stay in suspension indefinitely. Ideal for wet spraying of fruit and ornamental trees to control scab-rot, leaf-spot, mildew, rust, etc. 2 lbs. 25c.; 5 lbs. 50c.; 50 lbs. \$4.00.

### Sulrote

Combination rotenone and sulphur dust for control of flower and vegetable garden insects. An economical dual-purpose dust, smooth, free-flowing, finely conditioned for dispersion and adherence. It has three functions, as an insecticide, a fungicide, and a repellent. Sulrote is effective against a wide variety of chewing insects; it is also effective as a contact insecticide against aphids, thrips, and similar sucking insects. 1-lb. canister 45c.; 4-lb. bag \$1.35.

**Sunoco Spray Oil.** A safe, inexpensive, efficient spray for the control of scale insects, red spider, and lace-wing bugs. Dilution: 1 to 25. Gal. \$1.50; 5 gals. \$5.75; 55 gals. \$26.00.

**Tartar Emetic.** To control gladiolus thrip, use 4 lbs. Tartar Emetic with 16 lbs. brown sugar to 100 gals. of water. Lb. \$1.25; 5 lbs. \$5.75; 25 lbs. \$27.50.

**Terogen.** A new autumn and winter ground-dressing acting both as a fertilizer and as an insecticide. 1-lb. tin 75c.; 2-lb. tin, \$1.25; 5-lb. tin \$2.75; 10-lb. tin \$4.75; 25-lb. tin \$11.00; 100 lbs. \$40.00.

**Tobacco Dust.** For dusting. 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.75.

**Tobacco Dust.** For fumigating. Specially treated to induce easy burning. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50.

**Tri-Ogen.** The all-purpose spray. Complete protection against plant insects and diseases. Mildew and black-spot easily controlled with this spray treatment. Small kit (makes 16 qts.), \$1.50; medium kit (makes 64 qts.), \$4.00; large kit (makes 32 gals.), \$6.00; estate kit (makes 128 gals.), \$20.00.

**Thrip Juice, Hammond's No. 2.** This preparation is very effective against aphids, red spider, mealy bugs, and sucking insects generally. Pt. 90c.; qt. \$1.50; gal. \$5.50; 5 gals. \$25.00.

### Tree Tanglefoot

Stops all climbing insects. This sticky compound is easy to apply with a wooden paddle. 6-oz. can 50c.; lb. 80c.; 5 lbs. \$3.75; 10 lbs. \$7.00; 25 lbs. \$15.00.

**Tobacco Stems (Fresh).** For fumigating and for mulching to destroy insect life in the soil. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.50; large bales at 3c. per lb.; 1/2 ton \$20.00; ton \$35.00.

**Volck, Nursery & Garden Spray.** Can be used on growing plants in the nursery, greenhouse and garden and is used to control thrip, aphids, scale, mealy bug, red spider, leaf hopper, small caterpillar and leaf-spot. 4 ozs. 25c.; 16 ozs. 50c.; 1/2 gal. \$1.25; gal. \$2.25; 5 gals. \$9.00; 54 gals. \$47.50.

**Wilson's O. K. Plant Spray.** This spray offers a sure and safe method of control for boxmite, thrip, leaf-hopper, psylla, green, black, and woolly aphids; midge, currant worms, spruce gall, lace-wing fly on rhododendrons, crawling young scale. Dilution: 1 to 15. Qt. \$1.00; gal. \$3.00; 5 gals. \$12.00; 10 gals. \$22.00; 1/2 bbl. (30 gals.) \$57.00; bbl. (50 gals.) \$90.00.

**Worm Destroyer.** For earthworms. A safe, dry powder which will effectively and promptly bring earthworms to the surface and kill them. Apply at the rate of a half pound per square yard, then saturate the ground with water. 25 lbs. \$1.75; 50 lbs. \$3.25; 100-lb. bag \$6.00; 500 lbs. \$25.00; 1/2 ton \$47.00; ton \$90.00.

**PLEASE NOTE: No smaller quantity of Fertilizer than here offered can be supplied**



## MICHELL'S FERTILIZERS

**Adco** is a powder which, when mixed with almost any non-woody vegetable waste and kept moist, gradually converts the mass into real manure fully equal to the farm-yard product in fertilizing power, but free from foul odor, flies, weed-seeds, etc. Farmers, by utilizing straw, cornstalks, etc., can secure their manure without the expense and labor of maintaining livestock. 25 lbs. is sufficient to make  $\frac{1}{2}$  ton of manure; 150 lbs. is sufficient to make 3 tons of manure.  $7\frac{1}{2}$  lbs. \$1.00; 25 lbs. \$2.00; 100 lbs. \$7.50; 150-lb. bag \$10.50; 600 lbs. \$42.00; 2100 lbs. \$145.00.

**All Crop Fertilizer.** A high-grade, properly balanced fertilizer for general use on all farm and garden crops. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200 lbs. \$6.50.

**Ashes, Canada Hardwood.** Apply 1000 pounds per acre. Indispensable for all crops requiring potash. Excellent for mixing with potting soil. For top-dressing lawns and grass-fields it is applied to best advantage either in very early spring or late fall. 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00; 200-lb. bbl. \$5.00.

**Asparagus Fertilizer.** A mixture that promotes root and top growth. Apply 800 pounds per acre. 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200 lbs. \$6.50.

**Bacteria** for Leguminous Crops. See Legume-Aid.

**Blood (Dried).** For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. Price on application.

**Blood, Bone and Potash.** A very high-grade fertilizer for all vegetable and farm crops. 100 lbs. \$4.75.

**Bone, Coarse Ground.** Apply 800 to 1000 pounds per acre. Prepared from raw bone, exactly like bonemeal, except that it is not so fine or quick in action. It is used for the same purpose. 100 lbs. \$6.50.

**Bone Flour.** Finely pulverized and bolted. Effective immediately. For rose-growing this cannot be excelled. Rich in phosphoric acid and ammonia. Apply 600 pounds per acre. 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$1.65; 50 lbs. \$2.75; 100 lbs. \$5.00.

### Bonemeal

**Michell's Special Grade.** Unusually rich in nitrogen and phosphoric acid, the two principal plant-foods. We recommend this especially for lawns, gardens, and greenhouse, or any purpose where a high class fertilizer counts. Apply 800 to 1000 pounds per acre. 3 lbs. 35c.; 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; 200 lbs. \$8.50;  $\frac{1}{2}$  ton \$38.50; ton \$75.00.

**Bonemeal, Raw.** Prepared from unsteamed bone, this fertilizer is higher in nitrogen than regular bonemeal, but slower in action. 100 lbs. \$4.50;  $\frac{1}{2}$  ton \$38.50; ton \$75.00.

**Bovung.** A natural cow manure. Free from live weed seeds; ideal for use on the lawn and also excellent for flowering plants. 5 lbs. 35c.; 10 lbs. 60c.; 25 lbs. \$1.10; 50 lbs. \$2.00; 100 lbs. \$3.75.

**Cow or Cattle Manure (Shredded).** Convenient to handle, making it possible for everyone to get this usually scarce article at all times. Especially suited for soil-mixing, mulching and liquid manuring. Apply 1000 pounds per acre. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50;  $\frac{1}{2}$  ton \$29.00; ton \$56.00.

**Cow or Cattle Manure (Pulverized).** Thoroughly sterilized and weedless. Quick in action and especially desirable for pot-plants, etc. 100 lbs. \$3.50;  $\frac{1}{2}$  ton \$29.00; ton \$56.00.

**Electra.** A perfectly balanced fertilizer which is more than 80 per cent organic. It is becoming more popular with the growers because it can be used for almost any purpose. Lb. 35c.; 5 lbs. \$1.00; 25 lbs. \$4.00; 50 lbs. \$6.00; 100 lbs. \$10.50.

**Ferogen.** A remarkable plant-food, soil stabilizer and ground dressing for your roses. Ferogen should be cultivated into your rose beds in the early spring and summer. It supplies vital chemical elements and stimulates vigorous root action and strong growth. In convenient powder form. Ferogen reinforces stable manure. Lb. 75c.; 2 lbs. \$1.25; 5 lbs. \$2.75; 10 lbs. \$4.75; 25 lbs. \$11.00; 100 lbs. \$40.00.

**Hortobacco (Michell's).** A fertilizer manufactured from a tobacco base. For lawns, putting-greens, flower and vegetable gardens, etc. Also acts as an efficient insecticide. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50.

### Hyper-Humus Nature's Soil-Builder

Hyper-Humus makes an ideal top-dressing for the lawn, garden, and shrubbery, and is unexcelled for lightening heavy soils, or binding soils which are too light. Use at the rate of 1 to 4 pounds per square foot, depending on the condition of the soil.

Prices for bagged material: 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. 85c.; 50 lbs. \$1.25; 100 lbs. \$2.00; 500 lbs. \$9.50;  $\frac{1}{2}$  ton \$15.00; ton \$25.00; in loose bulk, truckload (minimum 5 tons), \$11.00 per ton f.o.b. plant; carload (minimum 25 tons), \$9.00 per ton, f.o.b. plant, Hyper-Humus, N. J.

**Hyponex Plant Food.** A medicine for plant life. Plants grow luxuriantly, flower abundantly and develop sturdy growth regardless of poorness of soil. A teaspoonful makes a gallon of liquid plant-food. 3-oz. can 25c.; 1-lb. can \$1.00; 10 lbs. \$8.00; 25 lbs. \$15.00; 100 lbs. \$40.00.

**Land Plaster (Gypsum).** A form of lime which may safely be applied with manure, since other types react unfavorably on manure. When applied to land, it furnishes lime without increasing the alkalinity of the soil. Apply 1500 to 2000 pounds per acre. 10 lbs. 60c.; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.25.

### Lawn Dressing (Michell's)

A complete organic fertilizer made up expressly for use on lawns and putting-greens. It affords a well-balanced, steady diet for established lawns and encourages quick, vigorous growth on new lawns.

When building a lawn, use 50 pounds per 1000 square feet, raked into the upper surface of the soil. Established lawns should receive spring and fall applications of 25 pounds per 1000 square feet, preferably mixed with top dressing, or watered immediately after applying. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50.

**Legume-Aid.** For alfalfa and all clovers:  $\frac{1}{2}$ -bus. size 30c.; 1-bus. size 50c.;  $2\frac{1}{2}$ -bus. size \$1.00. For soy beans, peas, vetch and beans: 1-bus. size 30c.; 2-bus. size 50c.; 5-bus. size \$1.00; 50-bus. size \$5.00. Garden size for garden peas, beans, and sweet peas, 10c. Always state what kind of seed you wish to inoculate when ordering.

**Liqua-Vita.** A liquid plant-food containing three major plant-foods, plus Vitamin B<sub>1</sub>, Plant Hormones, and nine secondary plant-foods. It is as safe on small seedlings as on large plants. One-half ounce to one gallon is the maximum concentration. 4 ozs. 30c.; 12 ozs. 60c.; qt. \$1.25; gal. \$4.00.

**Lime (Hydrated or Powdered).** For correcting acidity in the soil. Apply at the rate of 1 ton per acre. 10-lb. box 30c.; 50 lbs. 85c.; 100 lbs. \$1.50; 500 lbs. \$6.25;  $\frac{1}{2}$  ton \$11.00; ton \$20.00.

**Limestone (Pulverized).** The raw form of lime, useful where a coarse material is required on worn-out acid soils. Apply  $1\frac{1}{2}$  tons per acre. 80-lb. bag \$1.00; 5 bags \$4.50; 10 bags \$8.50.

**Mum Manure (Smith's).** Give your plants a quick start by using this manure. A perfect food for Mums and other flowers, either under glass or in the garden. 50 lbs. \$3.00; 100 lbs. \$5.50.

**Muriate of Potash.** Usually used with other fertilizers deficient in potash. Excellent for potatoes, corn and other grains. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50.

**Milorganite.** A specially prepared, activated sewage sludge, entirely organic and absolutely safe to apply on lawns, flowerbeds, trees, etc. 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00.

**Nitrate of Soda.** (16 per cent). A source of nitrogen in a form immediately available, which stimulates leaf- and top-growth of plants, of vegetables and fruit, and should therefore be used only after plants are above the ground. Lb. 20c.; 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$5.00.

**Phosphate, Ammoniated.** A complete, balanced fertilizer for all vegetable crops and particularly suited for grain and cereal crops. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200 lbs. \$6.50.

**Phosphate, Super (20 per cent).** 100 lbs. \$2.50.

**Fulton's PlanTabbs** are the finest of plant-foods, recommended particularly for potted plants as well as the flower and vegetable garden. Clean, convenient tablets without odor; balanced and complete, they contain all the food elements any plant requires.

12 tablets 10c.; 36 tablets 25c.; 90 tablets 50c.; 240 tablets \$1.00; 2 lbs. \$2.75.

**Potato Fertilizer (Michell's).** Apply at the rate of from 800 to 1000 pounds per acre. 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200 lbs. \$6.50.

**Salt.** For asparagus beds and putting on walks and roads to kill weeds. Apply 800 pounds per acre in early spring. 25 lbs. 85c.; 50 lbs. \$1.50; 100 lbs. \$2.50; 200 lbs. \$4.50.

**Sheep Manure, Wizard Brand.** Beautiful flowers and thick velvety green lawns are possible only on rich, physically perfect soils. Wizard Manures promote strong healthy growth by supplying an abundance of humus, vitamins and mineral foods needed by all soils. 3 lbs. 25c.; 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50;  $\frac{1}{2}$  ton \$29.00; ton \$56.00.

**Soil.** For potting. Qt. 10c.;  $\frac{1}{2}$ pk. 30c.; pk. 55c.; bus. \$1.75; bbl. \$3.50.

**Soil.** Plain top. 100 lbs. \$1.75; 500 lbs. \$7.50.

ALL PRICES SUBJECT TO MARKET CHANGES



## MICHELL'S FERTILIZERS AND BOOKS

**Soot (Imported Scotch).** This is used principally for bringing a good healthy color into the foliage of chrysanthemums and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs. 75c.; 10 lbs. \$1.40; 25 lbs. \$2.50; 100 lbs. \$8.00.

**Stim-U-Plant.** For more beautiful plants and flowers. The original plant-food tablet. Makes plants grow faster and bloom better. On market 22 years. Wonderful results. Odorless, clean, and economical. Prices: 10 tablets, 10c.; 30 tablets 25c.; 100 tablets 75c.; 500 tablets \$2.50; 1000 tablets \$3.50.

**Sulphate of Aluminum.** Especially adapted for rhododendrons and other plants requiring an acid soil. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 100 lbs. \$4.00.

**Sulphate of Ammonia.** Apply 75 to 100 pounds per acre only with other fertilizers. Analysis equal to 20 per cent ammonia. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; 200 lbs. \$8.50.

**Sulphate of Iron.** 5 lbs. 75c.; 10 lbs. \$1.40; 25 lbs. \$2.75; 50 lbs. \$4.50; 100 lbs. \$8.00.

**Sulphate of Potash.** Apply 100 to 125 pounds per acre, usually with other fertilizers. Analysis equal to 50 per cent of actual potash. 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$6.50; 200 lbs. \$12.00.

**Superphosphate (20 per cent).** A very high-grade phosphate. Apply 750 pounds per acre. 100 lbs. \$2.50; 200 lbs. \$4.50.

**Tan Bark** used for making paths in formal gardens. Can be supplied in 100-lb. bags only. 100 lbs. \$2.50; 500 lbs. \$11.00; 1000 lbs. \$21.00; ton \$40.00.

**Tankage.** A blood-and-bone product yielding nitrogen, lime and phosphoric acid. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.25.

**Tero-gen.** A new autumn and winter ground dressing acting both as a fertilizer and as an insecticide. 1-lb. tin 75c.; 2-lb. tin \$1.25; 5-lb. tin \$2.75; 10-lb. tin \$4.75; 25-lb. tin \$11.00; 50 lbs. \$21.00; 100 lbs. \$40.

### Tree Food (Michell's)

A wonderful fertilizer for fruit and shade trees. On backward, sickly trees, whether newly planted or of long standing, it works wonders.

#### Not Used as a Top-Dressing

Drill holes in the ground, 1½ feet deep and 5 feet away from the trunk, and extend out beyond the line of foliage; fill holes with food and then close. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50.

**Soil Auger No. 2.** Best method for applying to trees. \$3.00.

**Tobacco Stems.** For fumigating, mulching, and fertilizing, these are invaluable. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.50; large bales at 3c. per lb.

**Universal Acid Plant Food.** For gardenias, azaleas, and other acid-loving plants. 100 lbs. \$6.75.

**Vigoro.** Complete plant-food. Safe, sanitary, odorless, and easy to apply. A single 100-lb. bag will feed 2500 sq. ft. 1-lb. bag 10c.; 5-lb. bag 45c.; 10-lb. bag 85c.; 25-lb. bag \$1.50; 50-lb. bag \$2.50; 100-lb. bag \$4.00.

**Vigoro Tablets.** Pkg. 10c.

**Wonder Worker Fertilizer.** An extremely high-grade animal base fertilizer adapted for growing all vegetable crops. Will not burn. 100 lbs. \$4.50.

**Wood Ashes.** Apply 1000 pounds per acre. Indispensable for all crops requiring potash. Excellent for mixing with potting soil. For top-dressing lawns and grassfields it is applied either in early spring or late fall. 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00; 200-lb. bbl. \$5.00.

**Floralife** is a nourishing, sterilizing mixture which retards wilting. Supplies nourishment to blossoms; expands their size! 30-qt. size can (1.3 lbs. net) 60c.; 100-qt. size can (4 lbs. net) \$1.75; 250-qt. size drum (10 lbs. net) \$4.00; 500-qt. size drum (20 lbs. net) \$7.50.

### ROOT-FORMING CHEMICALS

#### HORMODIN, The root-forming chemical

A root-forming chemical for stimulating rapid root-growth on cuttings, simply by placing the basal ends in the solution before planting them. Cuttings so treated root quicker and have more growing roots per cutting. Each package contains a calibrated easy-to-use measure, complete directions, and a treatment chart.

**Powder No. 1.** A general-purpose powder especially good for carnations, roses, poinsettias, chrysanthemums, and similar types. 1¼-oz. pkg. 50c.; 1-lb. pkg. \$3.00.

**Powder No. 2.** Designed for many of the woody and semi-woody types. 1¼-oz. pkg. 75c.; 1-lb. pkg. \$4.50.

**Powder No. 3.** Designed for the more resistant species including many evergreens and dormant leafless cuttings. 1-oz. pkg. \$1.00; ½-lb. pkg. \$4.50.

**ROOTONE.** The plant hormone powder. Insures better flowers by providing better roots. Dust your seeds, bulbs, and cuttings before planting with Rootone. Write for booklet. ¼-oz. 25c.; 2-oz. jar \$1.00; 1-lb. can \$5.00.

**Vitamin B-1 (Thiamine Hydrochloride).** Vitamin B<sub>1</sub> stimulates root-growth, restores sick and straggly plants to health, produces larger blooms, prevents root-shock in transplanting. We offer this powder in vials containing enough to make 2000 gallons of solution. Vial \$1.00; 100 tablets making 2000 gals. \$1.00; 100 tablets making 100 gals. 35c.; liquid form, sufficient for making 2000 gals. \$1.00; liquid in bottles, making 100 gals. 35c.

**TRANSPLANTONE.** Vitamin Hormone Stimulant for rooted plants. 1-oz. can 50c.; 3-oz. can \$1.00; 1-lb. can \$4.00.

## Books on Horticulture, Agriculture, and Kindred Subjects

**America's Garden Book** (Louise and James Bush-Brown). Over 1200 pages. \$3.50.

**Annual of Flowerland** (Quackenbush). 166 pages. \$1.50.

**Asparagus Production** (Thompson). 125 pages. \$1.25.

**Birds of Pennsylvania** (Sutton). \$1.00.

**Birds of the Wild** (Pellet). \$1.00.

**Bulbs, Spring Flowering** (Thayer). 128 pages. \$1.25.

**Cactus Culture** (Schulz). 186 pages. \$2.00.

**Carnation Culture, Practical** (Weston). 224 pages. \$2.00.

**Clovers and How to Grow Them** (Shaw). 337 pages. \$2.00.

**Commercial Floriculture** (Bahr). 616 pages. \$5.50.

**Commercial Flower Forcing—4th Edition** (Laurie and Kiplinger). 565 pages. \$4.50.

**Farm Crops and Soils** (Aderhold and others). 288 pages. \$1.20.

**Field Crop Management** (Fergus Hammonds). 600 pages. \$2.40.

**Food Garden, The** (Laurence and Edna Blair). 147 pages. \$2.00.

**Garden Book** (Davis). 241 pages. \$1.25.

**Garden Bulbs in Color** (McFarland, Hatton, Foley). 292 pages. \$2.50.

**Garden Flowers in Color** (Foley). 319 pages. \$2.49.

**Garden Guide, "New"** (Hottes). \$2.50.

**Garden in the House, A** (Wilson). 127 pages. 50c.

**Garden Lilies** (Preston). 128 pages. \$1.25.

**Garden of Larkspur** (Bailey). 116 pages. \$1.39.

**Hand Book of Fertilizer** (Gustafson). 172 pages. \$1.75.

**Henderson Handbook of Plants and General Horticulture.** 526 pages. \$3.50.

**Pest Control in the Home Garden** (Pyenson). 190 pages. \$2.00.

**Plant Doctor, The** (Westcott). 297 pages. \$2.00.

**Plant Propagation** (Hottes). 228 pages. \$2.00.

**Potato, The** (Stuart). 508 pages. \$3.50.

**Productive Farm Crops** (Montgomery). 521 pages. \$3.50.

**Productive Plant Husbandry** (Davis). 462 pages. \$2.00.

**Productive Vegetable Growing** (Lloyd). 343 pages. \$3.50.

**Pruning Trees and Shrubs** (Feet). 237 pages. \$2.00.

**Rabbits for Food and Fur** (Ashbrook). 212 pages. \$2.00.

**Rock Gardens, American** (Hamblin). 128 pages. \$1.25.

**Shrubs in the Garden** (Quinn). 308 pages. \$2.50.

**Small Garden, The** (Storm). 241 pages. \$2.50.

**Soilless Growth of Plants** (Ellis & Swaney). \$2.75.

**Spraying Crops (Weed).** 140 pages. \$1.10.

**Standard Cyclopedia of Horticulture** (Bailey). Three vols. 3637 pages. \$20.00.

**Sweet Potato Production and Handling** (Thompson). \$1.25.

**1001 Garden Questions Answered** (Hottes). 328 pages. \$2.50.

**Tomato Culture** (Tracy). 150 pages. \$1.10.

**Vegetables in the Garden** (Quinn). 261 pages. \$2.50.

**Violet Culture, Practical** (Coon). 75c.

**Water Gardens and Gold Fish** (Sawyer, Perkins). 272 pages. \$2.00.

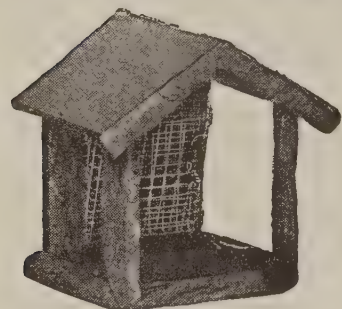
**Weeds of Lawn and Garden** (Fogg). 215 pages. \$2.50.

**Weeds of the Farm and Garden** (Pammel). 300 pages. \$2.00.



## MICHELL'S RUSTIC AND ORNAMENTAL BIRD HOUSES

You can enjoy the cheerful company of many of our native song-birds during the entire winter season if you attract them to your home with suitable Shelters and Feeders.



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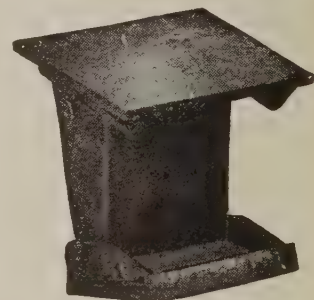


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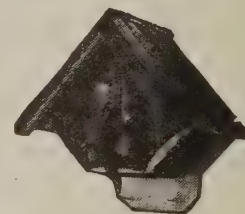


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<b>No. 8. Martin House.</b> 14-room. Not mailable.....	Each \$20 00
<b>No. 14. Wren or Bluebird House.</b> .....	2 50
<b>No. 17. Wren House.</b> .....	1 75
<b>No. 21. Bluebird House.</b> .....	1 50
<b>No. 23. Wren House.</b> .....	1 50
<b>No. 25. For Woodpeckers, Chickadees, Nuthatches, etc.</b> ...	1 50
<b>No. 45. Squirrel House.</b> .....	6 00
<b>No. 60. Robin House.</b> .....	1 50
<b>No. 61. Wren House. Swinging.</b> .....	1 50
<b>No. 77. Martin House. 4-room.</b> .....	6 00
<b>No. 104. Rustic Seed-Feeder.</b> .....	2 50
<b>No. 105. Rustic Suet-Feeder.</b> .....	1 50
<b>No. 110. Combination Shelter.</b> .....	2 25
<b>No. 114. Suet Basket.</b> .....	40
<b>No. 124. Bishop Window-Feeder.</b> .....	3 50
<b>No. 126. Squirrel-Proof Feeder for Suet.</b> .....	2 50
<b>No. 127. Squirrel-Proof Feeder for Seed.</b> .....	2 50



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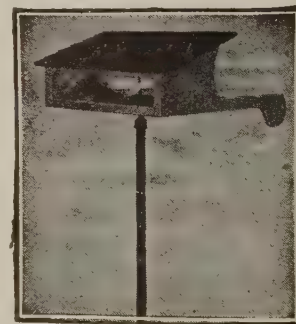
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### Revolving Feed-Box

This bird-feeder, the most popular American type, has its glass end always facing the wind, so that the large open end is protected from storms. Size, 24 by 36 in. Furnished with an iron pole, 7 ft. long. Price, \$12.50. Smaller size of above, with wood pole. Price, \$8.50.

### Window Feeder No. 124

The glass roof of the Feeder protects the food from the weather and permits observation of the birds at all times. Fitted with hinged glass top and built-in seed-hopper and suet-rack. Price, \$3.50.



Revolving Feed-Box

### Crystal Bird-Feeder

A simple inexpensive glass Feeder of the hanging type. Easy to fill, with the seed-supply always visible. Furnished complete with seed. ½ pt. size 85c. Qt. size (with glass roof) \$1.75.

### Michell's Wild Bird Seed

A mixture of seed and grain most attractive to the birds wintering in the Northern States.

5 lbs.....	\$0 65	25 lbs.....	\$2 50
10 lbs.....	1 20	100 lbs.....	9 00

## Pest Exterminators

**Ant-X Jelly Bait.** Ants like the taste of Ant-X Jelly, but it is "their last meal." They carry it back to their nests—destroys the whole colony. 35c. and \$1.00.

**Ant-X Ant Traps.** Attractive, sanitary, safety container for use in house or garden. Just break seal of box, and place where ants can get to it. Cannot be opened by a child or spilled by a pet. 25c.

**Kilmice.** The new modern way to destroy mice in house or garden. Easy to use—clean, sanitary, no mixing—no traps needed. Large 2½-oz. pkg. 25c.

**Mole-Nots.** Sure death to bulb-eating, root-destroying moles. Life saver for lawns, flower and seed-beds. Safeguard bulbs when placed in ground at time of planting. 35c. and \$1.00.

**Mouse-Nots.** A meaty, easily hulled, treated seed-bait which appeals to the finicky taste of mice—"their last meal." 25c. and \$1.00.

**Rat-Nots.** A safe, scientific way to exterminate rats. Prepared bait contains genuine red squill—not a poison. 25c. and \$1.00.

**Rat-Not-Paste.** Recommended for big, well-fed elusive rats which dodge cats and traps, and are finicky in their eating habits due to easy access to tasty garbage, and feed and food warehouses. Rat-Not-Paste is FAST, QUICK, and LETHAL in its action. Ideal too, for control of chipmunks, squirrels, prairie dogs, etc. Packaged in handy convenient tubes. 35c. and \$1.00.

**Rat-Not-Powder.** Recommended for those who like to mix their own bait. Rat-Not-Powder is non-poisonous and relatively harmless to humans and animals. Contains genuine "Red Squill." Simply mix with table-leavings or other food-scrap and serve to rats. 15c.

**Roach-Nots.** A prepared powder bait, quick and effective. Roach-Nots "Lays them on their backs." 25c. and \$1.00.

ALL PRICES SUBJECT TO MARKET CHANGES



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Scarlet Sage	57		Carts	76,81		Hose Washers	91		Pots	96	
Sedum	67		Cat Foods	96		Hotbed Mats	88		Poultry Supplies	96,97	
Shasta Daisy	59,60		Celery Bleachers	87		Hotbed Sash	88		Power Mowers	79	
Shrubs	71		Celery Paper	89		Hotkaps	83		Pruning Compound	82,89	
Small Fruits	73		Celery Tape	89		Husking-Pins	86		Pruning Gloves	82	
Snapdragon	56		Cel-O-Glass	88		Hydrant Attachments	91		Pruning Saws	85	
Snowball	71		Ceresan	98		Hydrosphear	94		Pruning Shears	84	
Spiraea	71		Chain Harrow	76		Hydroxide	98		Pumps	93	
Statice	67		Chaperone	98		Hyper-Humus	100		Putty Distributor	87	
Stokesia	67		Charcoal	89		Hyponex Plant Food	100		Pyrox	99	
Strawberries	73		Coal for Wagon Heaters	95		Implement Handles	83		Rabbit Chaser	4,99	
Sunflower	62		Copper-Roteneone	98		Insecticides	97-99		Raffia and Raffiatape	88	
Sweet Potato	16		Copper Solution	98		Irrigation, Skinner	95		Rain-Wave	95	
Sweet Shrub	71		Corn Fume	98		Kerosene Emulsion	98		Rakes	81	
Sweet William	67		Corn Knife	83		Killogen	98		Rat-Nots	102	
Sweet Woodruff	74		Corn Planter	77		Kilmice	102		Rat Paste	99	
Symphoricarpos	71		Cow Manure	100		Kneeling Pads	86		Rat Traps	84	
Syringa	71		Crab-grass Eliminator	84,97		Knee Protectors	83		Red Arrow Insect Spray	99	
Tarragon	74		Crow Repellent	17		Knives	81,83		Reels	86,92	
Thalictrum	67		Cultivators	77,78,79,80		Kryocide	98		Reflecto Signs	91	
Thyme	74		Cultivator Teeth	79		Labels	90		Respirator	95	
Tigridia	55		Cuprinol	98		Ladders	87		Roach-Nots	102	
Tomato	16		Cyanogas	98		Land Plaster	100		Road Brushes	81	
Tradescantia	67		Dandelion Extractor	79		Lawn Dressing	100		Roll-Away Carts	81	
Tuberoses	55		Deenate	98		Lawn Mowers	79		Rollers	77	
Tunica	67		Dibbles	80,82		Lawn-Mower Oil	79		Root-forming Chemicals	101	
Valeriana	67		Disinfectants	97		Lawn-Mower Sharpener	81		Root Irrigator	94	
Vegetable Plants	16		Dock Lifter	83		Lawn Signs	90		Rootone	101	
Verbena	57		Dog Foods	97		Lawn Sprinklers	95		Rosul Dust	99	
Veronica	2d cov,67		Dogzoff	98		Lawn Trimmer	79		Rotenone	99	
Viburnum	71		Dusters	92,93		Lawnette Roll-Away	81		Roto-spray	95	
Vinca	57,67		Dutox	98		Leaf Mould	89		Rubbish Baskets	85	
Viola	67		Edgers	81		Leaf Racks	80		Rubbish Consumers	83	
Vitex	71		Egg Boxes	97		Legume-Aid	100		Salt	100	
						Lemon Oil	98		Salt Bricks	97	
						Lime	100		Salt Hay	89	
						Limestone	100		Sand	89,97	
						Lime-Sulphur	98		Sash	88	
									Saucers	96	
									Saws	85	



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